

# THE OFFICIAL ORGAN OF THE B.B.C.

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EVERY FRIDAY.

Two Pence.

# OFFICIAL PROGRAMMES

# THE BRITISH BROADCASTING COMPANY.

For the Week Commencing SUNDAY, JUNE 29th.

LONDON CARDIFF
ABERDEEN GLASGOW
BIRMINGHAM MANCHESTER
BOURNEMOUTH NEWCASTLE
SHEFFIELD (Relay)
PLYMOUTH (Relay)
EDINBURGH (Relay)
LIVERPOOL (Relay)

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OFFICIAL NEWS AND VIEWS.

RATES OF SUBSCRIPTION to "The Radio Times" (including powage); TWELVE MORTHS (Foreign), 15s. 8d.; TWELVE MORTHS (British), 13s. 6d.

# The Broadcasting of Friendship.

FRIENDSHIP forsooth. There are few words in the English language with which greater liberties are taken. It can to bear an amazing variety of interpretation. It is pressed into service to cover almost every measure of human relationship, and if anything of its real sense remains, it is most shockingly abused. In the common employment of the term it means little or nothing.

It may purport to carry the most exalted and princely qualifications with all the coarsons attributes of localty, unselfishness, and devotion in an absolute form—for in the service of a high friendship these qualities may be blind, irrational, almost unhaviul, and yet commendable. On the other hand it is prostituted by the most casual and apportyphal applications. We could do with a range of different expressions whereby there might be conveyed our diverse degrees of sympathetic reaction to the personalities and actions of others.

The man who places our interests for above his ewn, indeed whose interests are off-aced by ours and whose whole life may be received in our service, is our friend. So is the policeona at the corner with whom we come to pass the time of day, or the head-waiter upon whom we think we can rely for the securing of a favourite table, unite useful friends, too, but language is non-sensical if the rame word be used to imply relationships so vastly different. If the criterion of friendship were to be the presence or absence of ulterior motive, some hasty adjustments in term nology would be required.

Petween such extremes as these there are, of course, many grades of real or pseudo-friendship established through the medium of business associations, common interests, or mutual respect. Genuine enough, many of them, and greatly to be rained. These are the friendships, so to speak, that may go a certain distance, even

a long way, towards nobility, but would undoubtedly not stand the strain beyond a point, and should never be expected to do so.

Our affections, even in their high estate, suffer, in common with conceptions of space and matter and all the abstract relationships such as time, from the tanat and conditionings of relativity. Friendship, abstract and immetable, is, I suppose, in this limited existence, like truth, unattainable. Within these overruling qualifications real friendship may, however, still be attained by a very few. It is a possession past all prizing. I believe it comes once only in a lifetime. Since a condition of the best friendship is the ability to dispense with the manifestations of it, it may persist when the sensible tokens have disappeared.

Friends are common, it is said, friendships very rare. Many pious frauds are perpetrated taster it price. Someone has suggested that the most we should hope for a a faint neutrality.

And what is friendship but a name, A charm that fulls to sleep, A shade that follows wealth or fame And leaves the wretch to wrep ?

I am not endeavouring to be cynical. I have only been wondering what people really mean when they write, as they so often and so kindly do, and say that they have come to look on us in this broadcasting bosiness as their friends. It is protifying in the highest and best degree. It is exactly the way in which we should like to be regarded. But, as there are still some folk around who seem to take a peculiar denght in trying to eatch us below when we ought to be on deck, and who devote considerable energy to finding fault and to imputing false motives, we should be careful of our wuris, and analyse our intentions and our feelings before we venture to commit them to speech or writing.

Continued overtenf in column 3.

# A Wanderer on Wireless.

# By ROBERT KEABLE, Author of "Simon Called Peter," "Peradventure," etc.



LY. REGERT KEASLE.

T struck me in bed this morning that I have at long last, a claim on fame. Where I live there inn't a single listener. for the nearest broadoasting station is 3,500 miles away across the Pacific; and we get no closer to wireless than that the French operator picks up English margenigrams und gives us an excellent comio news - sheet every other day. I

don't suppose that anyone else has written for The Rodio Times who sould say that. Also, incidentally, one misses that news-sheet. It is the most entertaining and, at the same time, the most instructive comment on our civilization that I know. It's —yes, but even if it's wireless, it isn't broadcasting, and I had better get off it.

Growth of Anciels,

What I really want to point out, however, is that I am in a good position to write about wireless. When I left England last, the first broadcasting station in the British Isles had, I think, just been opened, and the first thing I noticed when I returned was that the aerials of the small houses whose back gardens run down to the main line into Victoria Station had the

clothes-peops protty well book.

And the first thing almost that I did at home was to purchase a four-valve set and instal it in

my lather's vicarage.

So I saw nothing of the experimental stage. know nothing of chesp crystal acts and scullery taps. I left a village in which the morning paper constituted our touch with the outside world, and I returned to one in which the grandfather clock is corrected every night by Big Ben. (And that's more than you would think. It's ho use, now, being late for church, and saying: "Vier's clock's wrong. 'E were five minute too soon, s'mornin'.")

"A Long Way to Go."
I ask myself, first of all, then, what I honestly think of this new thing, and I reply right away that I think it has got a long way to go yet. In saying that, I don't honestly know whether I'm to blame, or the B.B.C., or the Rest of England, or whether listening hos yet, indeed, to be much improved before it is really satisfactory, but I do want to record that impression. I am sure there must be plenty of listeners who would like to say what I am going to say.

It's like this. When I went to buy, I asked for a set that would enable me to hear at least the British Isles and France, and I signed my cheque without complaint. I thought that one sat in an armchair, with the loud speaker effectively placed on a convenient shelf, and that with one gracefully outstretched arm and a amile on the face one would switch one's wondering parents from the Eiffel Tower to Aberwhen they began to say the cort of things in Paris that they do say, you know, and that aren't exactly the thing in an English vicarage. It's like that in the advertisements, anyway.

"Wirth, Tap, Tap, Bong, London."
Well, of course, it's not like that in fact.
We're supposed to hear London when C1 is at to (the Editor said this article was to be nontechnical, but I should like you to think I could make it technical if I wanted to do so) and C2 at 12; but, in point of fact, we can't get away from

London, revolve we CI and C2 never so wildly. We occasionally get? Wirrh, wirrh, bang, taptap, tap-tap, tap, wirrh, Birmingham (for thirty seconds), wirth, tap tap, tap tap, hang, Loudon, "Confound it, there's London talking again !"wirth, tap-tap, and so on. Once in a while, as a great treat, there is incredible elfin music, far off, but quite clear, very levely, very other-worldly, and that is Paris, But usually it sounds as if half the British Navy were abouting Morse at each other in the Channel, and the other half foundering in a thunderstorm. And we nover get onywhere else.

Now, as I may, a lot of this may be our fault, or the fault of our set; but then, the B.B.C has got to reckon on having fools like ourselves with them till the crack of doom, and before listening is all that the advertisements my of it, somebody or other has got to make it foolproof. Before it "2LO" too loud at forty miles have got to be eliminated. How, I don't know. I haven't enides. I should think it impossible if the B.B.E. hadn't already schieved the impossible.

Almost Achieving the Impossible !

I say that deliberately. In my mind, there was one great problem about broadcasting when I left England. I argued about it something like this. The man who reads the Daily Herald won't thank you for the Murning Port. The serious fulk who go to a theatre to see Shakespeare or a problem play don't really care about Stop Flining The people who can dence all night for weeks on end to "Bennus" and the like don't really care for classical music. The man who reads his evening paper in the tain home every evening won't want a News Bulletin. The public that wants seriously to hear about the Stellar Nebulis and the chances of splitting electrons isn't really interested in Pip, Squeak, and Wilfred. In a word, the B.B.C. proposes to entertain the British Isles for a nightly audience, and neither Religion nor Drama nor Literature nor Art nor Science nor anyone else has ever done that yet.

Before, then, I criticize their programmes, I take off my hat right now (as I'm trying to learn to say naturally) to the B.B.C. and say that they've done it. Wireless must be doing more to give us a good standard of general knowledge and sympathy than anything else in the Three Kingdoms. It is making ally people serious and serious people silly, and I don't know which is the more valuable. I'd like to say a great deal more on that line, only the B.B.C. doesn't want praise. But just this: it has taken folk into theatres who even in our time thought them strongholds of the devil, and folk into churches who thought them lunatic asylums. And that comes as near the achievement of the impossible as anything else I know.

Critical Impressions.

But coming now, let us say, to the programmes of the past few weeks, I would like to give my own critical impression. In the first place, I think the broadcasting of things like the Empire Commemoration at Wembley a mislake, In theory it is all very well, and at first it is magical to hear the cheers of the crowd and the voice of an invisible officer saying "Right-turo, Quick-march." But, in fact, drums and fifes for half on hour when you can't see the uniforms and the crowd aren't worth the electricity. The cheers of the crowd and the sound of its feet. too) don't really in the least make up to you for not seeing the Prince of Wales. A small choir in the studio at " 2LO " in more impressive than massed bands in Wembley. And when

#### The Broadcasting of Friendship

(Continued from the previous page.)

Having done so I am prepared to shide by what I have just said. It can very easily be proved that we have no ulterior or inferior motives. Equally those who say they so regard iss have none either. The element of service is an essential characteristic of friendship, and to the extent in which it is perhaps the paramount element, to that same extent we are justified in expecting to be looked upon in the execution of this great public service as friends. For this is a public service.

Now friendship is not a one-direction process, Now friendship is not a one-direction process, and those who would have friends must show themselves friendly. There is a distinct and necessary mutual obligation implied. Our work is certainly very interesting, but it is by no means easy. There is no criterious success. The strain is constant; shockness and inefficiency are not tolerated. Paults must be magnified out of all proportion, without compensating approval of morit. It is the only possible way. Please remember this, and that in the friendship of our listeners is the satisfaction and reward of our efforts. From it also is evolved the stability of

you've had the loud speaker on for the arrival of everybody, and the drums, and the marching up and down, and the anthems, and the prayers, your battery gives out when the Archbishop begins to speak. Of course, it shouldn't, but it does. And what's more, it slways will.

Next, I think such a thing as the reading of Shakespeare's plays a mistake also. The number of people who can't read for themselves if they want to, must be very limited, and the people who can and want to, want to reod them, peshape with a glossary handy, certainly the whole play. Or, alternatively, no reading ever makes up for not seeing a play—for the vast majority of us, anyway. If "2LO" breadcast to Central Africa where there are no libraries and no theatres and kardly any white people to talk to, I daresay an hour with Shakespeare would be delightful; but in Great Britain the people who want Shakespeare can read him or see him, or join a Shakespeare Society.

#### Concerning "Stuntu."

All hig "stunts," in my opinion, want treating with great caution. Thus, while there are some personalities whom one is glad to hear just because they are personalities, the great majority of after-dinner speeches are not worth broadcasting. If it wean't for the dinner, I don't suppose anyone would go to hear them. The thing usually amounts to platitudes pronounced by guests who are really only put up for convention's sake and to say thank you for having been invited. If you haven't been invited, all that is a little dull. No, the successful wireless big stunt is a specialized thing, such as the B.B.C. round the Empire programme on Empire Day recently.

But negative criticisms of small points are of little value. I should much prefer to take a positive platform.

To be Continued Next Week.

#### ITEMS FROM GERMANY.

A nuclsion by the Department of Traffic provides for the installation on all German Flying Grounds of any importance of wireless stations for the exchange of private messages with aeroplano passengers, as well as for the transmission of weather reports to and from German and foreign Meteorological Observa-

German insurance companies intend to increase premiums on houses on which wireless installations have been erected owing to the alleged increase in danger from lightning.

# Official News and Views. Gossip about Broadcasting.

" The List of the Boils."



M. JEF. DENYM.

THE ball-boor result from 9.30 to 10.0 p.m. on July 8th will be even by Mon. le Chevaner Jef Denyo on the Simose War Memorial Carillon at Wembley. This is at present installed in the Vekers Research Hall Tower at the exhibition, and is to be shipped to Casacia later in the year.

Moon Denyn is candlonneur at St. Rombold's

Cathedral Tower at Malines, as his father was before him. He is the principal of the school for cardiomeura established in that town under the suspects of the Belgian Government, and is arknowledged to be the foremost cardiomeur of the day. King Albert attended one of his recitals a few weres ago, and about that time created hims a Chevalius of the Order of Leopold.

Until the New York cardion of fifty three bells, now under construction, has been completed, that at Malines takes procedence as the heaviest and most important carillon in the world.

#### The Director of Education.

There seems to be some edsapprehension in certain quarters regarding the appointment of Mr. J. C. Stobert as Director of Education to the Company. Mr. Stobert will take up his duties with us on August fifth, and from that date, for at least one year, will be wholly used by us as Director of Education. His appointment will not, as has been stated, be of a semi-official observer or type over than that of any other member of the staff. He will is every way be an official of the Choppany, and not of the Board of Education, during the time he is with us.

#### " Pygension and Galatos."

Newcastle Station is to broadcast the full comedy in three acts by Sir W. S. Gilbert, "Pygnelion and Galaica," on July 4th. According to the Greek legend Pygnelion was a sculptor in Cyprus who, though he hated weem. Iell is love with one of his own superb stators, which Aphrodite, at his carnest prayer, endowed with life. This was not the sestiyingle foliates, beloved by Polypheme, who joined her aster ayrapts on the death of Acis, but the one whose story is told in Ovid's "Metamorphotes." Sir W. S. Gilbert adapted it in his councily and makes the sculptor a macried man whose persons wife, after considerable trouble, caused the animated status vulentarily to retoro to its original statu. The performance will be given in the studio by the Kermastle Company of the People's Thirtire.

#### An All-Star Concert.

On Sunday afternoon, June 29th, an all-British orchestral concert, conducted by Mr. Dan Godfrey, Junz., will be broadcast from the Locaten Station. The artistes will be Miss May Blyth, the well-known soprason of the British National Opera Company, and Mr. William Lowis, tence. The programme includes a number of interesting works, such as the English Pastoral Leapnessions by Ernest Farrer, a young English composer who lost his life in the war. In the evening London will give an all-star programme, the artistes being Mrs Carmen Hill, Mr. Bobeth Radford, Miss Daisy Kennedy, and Miss Beatrice Harrison, who recently coazed the nightingales to sing in her Surrey garden.

Opening of Loods-Bradford Relay Station.

The Leeds Bradford Relay Station will be opened on July 8th. The programme will include the Greatelet Guards Band, Miss Elsie Suddaby, soprano, and Mr. Walter Widdep, tenor. Miss Suddaby is herself a trative of Leeds who has made herself popular with broadcast audiences in many parts of the country, and Mr. Widdep adds additional local colour to the programme as this distinguished singer of the British National Opera Company is a native of Halifas. Apart from the opening speeches another interesting feature of the programme will be a conversation between Bournemouth and Aberdeen, which will be heard by those present at the ceremony as well as by those listening by their sets.

#### " Abrahum Lincoln."

A special Independence Day programme will be given by the Cardiff Station on July 4th. The American Corsul at Cardiff will speak and introduce Dr. H. E. Foediek, the distinguished American theologian and preacher, who will speak on Independence Day and its Significance. He will also give a brief introduction to Mr. Drinkwater's play, Ahrakam Lincoln, which will be breadcast on the same evening.

#### London's " Lucky Dipa,"

Crystal set users in Louden will have an opportunity of hearing provinced stations out ide their normal range on Wednesday, July 2nd, when a number of abort dips will be made info the programmes of provincial stations. First one station and then unother will be given, providing unusual interest for the listener.

#### A Versatile Composer.

On Monday, June 10th, the Hours with Living British Composers Series will deal with the music of Gerrard Williams. A versatile composer whose works range from small pianoforte pieces and songs to choral and crohestral work. It may be remembered that he was the composer of the ballad-opers "Kate," recoully produced at the Kingsway Theatre. His potpourd has been performed by the leading London and provincial orchestres and in America it was conducted by Mr. Albert Coates. The pianist will be Mrs. Norman O'Neill, distinguished for her vivaceurs interpretations of the music of Seaclasti.

The Magie Carpet Serves.



Mayor FRED J. NEV.

Major Fred J. Nev, who is to brondeast from the Cardiff Station on "Canado," on July Ind, in well fitted to give that talk in the Magic Carpet Series of talks which Cardiff still continue. At on they he was Chief Secretary to the Department of Education in the Province of Manitobs, and was prior to that Headmaster of St. May, "High School,"

Cairo. He has also been headmaster at the English College, Nicona, Cyprus, and is at present founder and honorary organizer of the Overseas Education League. This organization provides travel facilities for teachers, and was responsible for the organization of the scheme for interchange of teachers between Canada and other parts of the Empire. As cassoling secretary of the Canadian National Conseil of Education he was responsible for the working of the National Lectureskap Scheme imagurated in the spring of 1923 by Sir Henry Newbolt and Sir Michael Sadler.

#### " The Planets."

The Manchester Station has formed a new company, "The Planets," to produce comedy during the summer evenings, and its first performance will take place on July 8th, when a musical farce, Princes Source, will be performed. The basis of the production is a light plot connecting the parts, which are each written to suit the player, introducing numbers from musical comedies (by permission), and songs more serious.

The names of the players are not given, but their identifies will be covered by each one taking the name of one of the planets. This may provide some interest to the listeners who have heard the voices of the players in the previous dramatic productions from this station, and they are invited to send in postcards giving the correct east of the play. Those who send the complete cast correct, or in the absence of this, the person nearest the correct solution, will be invited to visit the station and spend an evening to the Studio whilst a programme is in progress.



# The Beginnings of Opera.

#### Greek Dialogue Supported by Chords of Music.

MR. FREDERICK AUSTIN, Artistic Director to the British National Opera Company, speaking recently at a reception at Downing Street, given in order to bring to the public notice the merits of opera in English, said that "opera was still largely the privilege of the rich." In asserting this, he overbooked for the purpose of emphasizing a particular point, a number of reasons why opera has never been, at any rate in this country, a popular entertainment.

#### Following the Benaissance.

For a long time before the performance of opera became a social function which the wealth of a few helped largely to maintain, it was almost exclusively the interest of musical and artistic intellects. The beginnings of Opera following the Renaissance of music to the Middle Ages were due, as Mr. Percy A. Scholm has pointed out in his "Second Book of the Great Musicians" (Oxford University Press, 4a. 6d. net), to the efforts of learned men.

One little group used to gather at the palace of a Count Bardi at the end of the sixteenth century (a century and a half after the Renaisance had begun). They discussed the Greek plays and Greek movie, and wondered if these could be revived, and at last one of them, Vincomo Galdei (father of Galdeo Galdei, the great astronomer), wrote a piece modelled on what, from his reading of the Greek (Classics, he imagined to be the Greek style. The idea was instead of the elaborate madrigal style . . . which was at its height just them, to have a single votes declaiming rather then singing and to support it with a few chords on lutes or similar instruments.

#### From Greek Mythology.

"Other composers took up this idea, and by and by real operas were composed chiefly treated in this way (dialogue supported by chords), but with hits of simple chorus (also largely in plain chords), and with an orchestra of any instruments that were to be had, used both to accompany the voices and also to play little bits of music in between the vocal parts...

"Generally the operas of this time were on subjects taken from Greek mythology, for instance, the story of Orpheus and how he went down to the place of death to bring back his Eurydios was used, so altogether the early operas were very much influenced by the study of Greek thought and the invention of opera may fairly be considered one of the results of the Remissance."

#### Human Stories in Opera.

In certain continental countries opers did overflow from the preserves of the intelligentois into the lives of the people until it has formed the basis of much popular music. British opers, or opers song in English, cannot yet make that claim, although the efforts of the British National Opers Company and the broadcasting of their performances is steadily making progress in that direction. Opers is becoming less and less "the privilege of the rich," and with opportunity and means of getting people to understand it, appreciation and rothusiasm will follow.

One of the great aids to a wider appreciation of Opera would be the knowledge of the great story almost each opera tells in music and song actories of human passions and problems appealing to the dramatic and to the romantic repealing to mewhere an each one of us. A book which

serves this purpose and should be on the bookshell of every listener is "Stories of Famous Operas," by Mrs. Stanley Wrench (Pearson Ja. 6d. net). This book sets out to tell of the chief characters and what happens to them of the best known operas, and is a guids, which, during all opers seasons, should be at hand.

#### The Tele of the Rhimsgoli,

One of the best stories in the book is Wagner's The Nibeling's Rieg. After Wagner became famous he composed this great tetralogy, which tells of the deers of fabulous dwarfs who were known as Nibelangs. He had a great passion for postry, and the old German myths and atomis of Teutoms gods provide the thome of this masterpiece. "The Ring" is divided into four parts, the first is the opera Rhinegold, which tells how Alberio, the king of the Nibelangs, an ogly dwarf eager for adventure, stelle from the beautiful water maidens the precious tensure of the Rhinegold which they were set to guard.



A SCENE FROM "THE VALKYRIES."
When Hunding and Slegmund started to fight,
it was Slegmund Branchilde helped.

Reproduced from "Stories of Famous Operas."
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It tells, too, how Wotan, the chief of the gods, and Loki, the god of lies and decest, stole the ring from Alberic in order to save Freia from the giants Fasolt and Fafnir. The second part of the opera, The Folkyries, concerns the children of Wotan, who carry the bedies of their dead heroes to their heaven Valhalla. It tells of the meeting of Sieglinds, wife of Hunding the warrier, with Siegmund, and the quarrel which ensued between Hunding and Siegmund. Sieglinds and Siegmund were children of Wotan, and when fleeing from Hunding were met by Brunnhilde, the chief of the Valkyries.

#### Brunshilde Helps Slegmand,

"When Branchilde told him that Sieglinde must not accompany him, Siegmund declared that he would fight Runding without fear, but that if his father refused his aid with the magic sword then be would first kill Sieglinde so that ahe could not fall into the hands of Runding and after fighting her oppressor he preferred to go to hell rather than to Valhalia.

"Brunnbilde was so touched by the and plight of the twins that she disobeyed Wotsn and when Hunding came and he and Siegnund started to fight it was Siegnund she helped.... Suddenly in a blaze of dazzling light Wotsn himself appeared.... Terrified by his appearance Brunnhilde ratreated and in that

second without her aid Hunding won his advantage over the hapless Siegmund whose sword snapped suddenly. With a furious blow Hunding plunged his sword in the breast of the man who he believed had stolen his wife, and hearing his cry of dying anguish Sieglinde fainted away beside Siegmund's body, but was statched up by Brunnhilde and carned swiftly away.

#### Expalled from Valhalla.

"Wotan turned with anguished eyes to look at his dead son, then faced Hunding with so terrible a look, and so dreadful a curse that the triumphant Hunding fell instantly dead, whilst with another cry of rage Wotan flew off in pursuit of the disobedient Valkerie."

For her disubedience Rrunchilde loses her divinity, ceases to be a Valkyrie, and is forbilden Valhalla. As a mere human she is documed to fall into an enchanted sleep encircled by flames till a hero who knows no lear shall awaken her.

In language simple and clear the book tells the story of Siegfried. The Twilight of the Gode, and in all some twenty of the best-known operas, including La Behême, Act IV. of which will be broadcast from His Majouty a Theatre on July 8th. HERNERT PARKER.

#### A WIRELESS CHESS MATCH.

Mr. Mindleros, the well-known chera player, is opposing Mr. Gibson, the Scottish champion, in the first Wireless Chess Match; the opening moves will be simultaneously broadcast from the London Station on Saturday, June 28th, immediately before the Second General News Bolletin.

The first seven moves are shown below in order that hateness may set their chess-boards and follow the match as each move is announced.

The eighth move (White's), which begins the wireless match proper, will be broadcast or June 28th. Subsequent moves will be announced each evening immediately before the Second General News Bulletin.



White:

White to make

#### BROADCASTING PROBLEMS IN U.S.A.

EVEN the most superficial student of economics known that broadcasting as it is catried on at present has no parallel in commercial history (writes Mr. Raymond Francis Yeats in The Outlook). If it did have a parallel, our automobile manufacturem night be obligated to supply gas and oil gratis to every one who purchased their cars, and our phonograph manufacturers would have to give records away with their machines.

In broadcasting we have a situation that cannot long exist. Although the present situation cannot exist, broadcasting itself must carry on to satisfy some four million users of radio receivers.

#### Digging for History.

By C. Leonard Woolley.

Mr. C. Leonard Woolley has worked under the joint asspices of the British Museum and the University of Pennsylvania excavating in Babylonia. He is to broadcast three talks on his work. The first will take place on July 8th, the second and third being on July 22nd and

THE Bible tells us that Abraham was born at Er of the Chaldres. That was four thousand years ago, and Ur was then a great ity where king was lord of all Mesupotamia; for two thousand years it has been deserted, and to-day a tangle of sandy mounds littered with broken bricks is all that remains of the crowded town, and all around it stretches flat, cheerless desert where once were palm-groves and gardens and cultivated fields lying along the banks of canals that spread the waters of the Euphrates over the land,

In these mounds the expedition sent out by the British Museum and the Museum of the University of Pennsylvania is digging out the rains and the records of that forgotten past.

Centuries Before Christ.

As the hundreds of Arab workmen carry off in their haskets the sand and rubbish there come to light the brick wells and tiled pavements of the old buildings. Many of these were temples and public buildings put up by the kings, and every now and then, on the bricks forming the walls, there are stamped the names of the monarcha who ordered the work to be done, and so we can trace the history and the parpose of these onnatructions.

This temple, with its wide courts where the worshippers came together for sacrifice, was creeted by the great Nebuchadnessar; the whitewash on this wall was put on seven hundred and fifty years before Christ, when Ur was a subject city of the Assyrian Empire and was ruled by an Assyrian governor for the Great King, this lange tower, built up in stages with stairways leading to the top, was already two hundred years old when Abraham walked beneath its ahadow and looked up at the shrine

of the Moon God that crowned its highest stage. Abraham lived about 2000 n.c., towards the close of the most glorious period in the history of Ur, during which a dynasty of strong kings had made their city mistress of the whole Euphrates valley, but even then the town was very old. It was founded in the dawn of civilization, when men lived in huts of mud and wattle and had no better tools than chipped flints and moulded clay hard-baked in the fire.

When We Were Savages.

Later they learns the ese of copper, how to hammer it up from the flat and how to cast it in rapplies, and they became more cultured and powerful, and their city buildings grew larger and more splendid with the progress of art. magnificence would astonish to even to-day, though the king who built it, one A-aa-ni-pad-da, lived nearly six thousand years ago; its ceiling, and the columns that supported it, were over-laid with burnished copper, beautiful friezes of metal and of mosain adorned its walls, and mosaic columns flanked its doors; it was a very gem of ancient architecture put up at a time when the people of our western world were savages of the cave and the forest, and the civilization of Egypt was but in its infancy.

As well as the buildings in which the people lived and worshipped, we find the graves in which they were buried. These are not caves hown in the rock, like the tombs of the Egyptian kings, but humble graves dug down in the earth, wherein the dead man was laid, eronehed up on his aide, or coffined in a great clay pot, sur-rounded by such things as be had used in life and was like to need in the next world.

# PEOPLE IN THE PROGRAMMES.



Miss Stanta Trapest.

ON Thursday, July 3rd, listeners will have an opportunity of hearing the famous actrest, Miss Marie Tempest, for on that date the play Midaummer Madness, Act IIL, in which she will be appearing at the Lyric Theatre, Hammer with. will be broadcast. Miss Tempest is one of the very few stage "stars" who can leave Louden for a number of yours and

return to be received with greater applause than ever. Last year, she came back after a tour abroad that lasted eight years, and both critics and public acclaimed her as the greatest comedienne of the day.

A Strange Audience.

DURING her long tour abroad, Miss Tempest appeared before many different kinds of audiences, but probably the strangest was in

The play was The Marriage of Kitty, and the stage was a little platform. The audience had no reof over their heads and they were sur-rounded by a corrugated iron fence. "You have no idea what a curious effect we saw from the stage," cays Miss Tempest, "The moon shone brilliantly, and all around the iron fencing were rows of black faces which looked as though their owners had been decapitated, with their heads resting on the fence."

#### A Popular Contraito.



MISS ASTES DESCRISTS

CONTRALTO singer who is popular with listeners is Miss Astra. Desmond, She studied under Madame Blauche Marches, and made ber debut at a recital she gave n Lordon on February 0th, 1016. A few days later, she mag at one of the Royal Albert Hallooncerts with such success that she has been reengaged for that series each succeeding season.

In September of the same year, she joined the Royal Carl Rosa Opera Company as principal contraits, singing the parts of "Carmen," contraite, singing the parts of "Carmen,"
"Asucena" (B Tronstore), and "Amneris" Aido), etc.

Wide Interests.

SINCE then she has sung in London and the provinces in miscellaneous concerts, and oratorio with the various oboral societies, and at the principal festivals, and has attained the position of one of the foremost British contralton. Miss Deemond is keenly interested in modern music, and has given several recitals of the works of present-day composers.

#### Historical Talks.

VERY popular at Aberdeen are the historical talks given by Mr. W. Douglas Empson, M.A., F.S.A. Mr. Simpson is a lecturer on British History at the Aberdeen University, and he has written a great deal on Scottish history and archeology in the Proceedings of the Society of Antiquity of Scotland and other

Besides his "talks," Mr. Simpson is responsible for the Boy Scouts' News Bolletin. In 1919, he conducted excavations at Kildrommy Castle, the work being carried out, under his direction, by Aberdeen Scouts.



SEE GROUPE MULLINER

ON July 1st Sir George MeLaren Brown. European General Monager of the Canadian Pacifie Radway, will descer an Empire address from the Glasgow Station. Sir. George was born at Hamilton, Outario, and was educated at Shrewstory. England, and Upper Canada College, Toronto. His career with the Canadian Pacific started 1887 and he received his

ment appointment in 1910. Sir George's father, Mr. Adam Brown, was burn in Langholm, Dumfriesshire, and is known as "Canada's Grand Old Man," being in his mnety-eighth year,

#### Post, Dramatist, and Composer.



Ms. Gornor Lya.

MR. GORDON LEA, who broadcasts from Newcastle, has written several plays, some of which have been produced locally, and one of which is published. Though this play-Recountraction is in modem collequial press and deals with a particular aspect of the disorce problem. Mr. Lea's best work is in blank verse. Quite

recently, he published a volume of poetry under the title of " Athenais." Mr. Lea is also a composer, with several songs and much dance music to his name. Early this year he inaugurated the Repertery Theatre in Newcastle.

#### A Now Style of Drama.

MR. LEA was educated at the Royal Grammar School, Newcastle, from whence he went to Cambridge. Not content with gindusting there, he then proceeded to Manchester, where he took the R.D. degree,

In the midst of all these act vities, Mr. Lea is Principal of the North Eastern Schools of Wireless Telegraphy.



HON. P. O. LABOUR.

America's Tea King, THE Hon. Peter C. Larkin, who is to Larkin, who is tobroadcast from London on Dominion Day, July lat, in the High Commissioner for Canada in the United Kingdom. Educated in Montreal and Toronto, he was in business for a long period prior to his appointment in this country, and has been President of the Salada Tea Co., Toronto,

Boston, Chicago, etc. He is called the Tea King of America, and originated the idea of delivering ten to the public in scaled lead packets. Among the foremost in beneficent and benevolent work in Toronto, be has been a trustee and vice-chairman, Toronto General Hospital, alnos 1004; President, Toronto League for the Prevention of Tuberculosis, 1969; and a prominent member of the Toronto Improvement Society. He is said to be the heaviest insured man in Canada. At one time he was a Reyal Commissioner (Canada's representative) invertigating and reporting on the conditions and resources of the Empire in matters of industry and trade as recommended by the Imperial Conference, 1911.

#### WIRELESS SUNDAY (June 29th.) DDOCDAMME

AA TIKETEEN
The letters " 0.0, " printed in Unites in these programman signify a Directionness Breadent from the runtion mentiones.
LONDON
3.0 Time Signal from Big Ben.
Light All-British Concert.
MAY BLYTH (Suprano)
WILLIAM LEWIS (Terror).
WILLIAM LEWIS (Tenor). THE AUGMENTED WIRELESS
ORCHESTRA,
Conducted by DAN GODFREY, June. The Orchestra.
Imperial March Rigor (11) Overture, Coal Romano Kettlbeg
"Lord of Our Chosen Race" (" Ivanhoe") Sulficon
" A Canning Wave" Aylmer Bucost
English Pastoral Impressions  Ernest Fairer (14)
Tenor Song Cycle  " To Julia " Herrick and Hoger Queller [1]  The Orchestra
Valsette, "Wood Nymples" Eric Confes Localental Music to "Othello"
Soprano Songa.
" Yes Rapture " Eric Coates " Youth Aylmer Bacast
"If Thou Dost Care" Rettesworth Page
Suite Romantique
" If Thou West Illind Nort Johnson
" If Thou West lillind " Noel Johnson Henry Leslie "Thou Art Risen, My Scloved "
Coleradge Taylor (1) The Orchantra
Selection, "The Rebel Maid" Phillips
Selection, "The Robel Maid" Phillips Overture, "The Land of the Mountain and Flood" MeeCoun (11) Annualment J. S. Dodgen
S.0-5.30.—CHILDREN'S CORNER. S.B. from
Capilit.
B.30.—Anthon, "I Waited For The Lord". Mendelssonn (11)
Hymn, "Come, Sing With Holy Gledness" Religious Address: The Rev. TISSING-
Student Christian Movement.
Hymn, "Captains of the Saintly Band"
9.0. "All-Star Programme."
ROBERT RADFORD (Bass)
DAISY KENNEDY (Solo Viole).
DAISY KENNEDY (Solo Violin). BEATRICE HARRISON (Solo Violencello).
Messa-Sonrano Bones
" Where Go the Bosts! Graham Peel 'My Ship and I " Graham Peel (15)
"Go Down to Kew in Libra Time"
(Fraham Pect (2)
Violancella Soli.
Irish Lament Cyril Scott Song Without Words Mendelssoon Kreisler Seconde Victor Herbert
"When a Maiden Takes Your Fancy"
(" Il Seraglio ") Mezart " I Am a Boamer " (" Son and Stranger ")
"The Bong of the Flea." Moussorgsky Violin Soli.
Prelade in E Back Kreisler Alman (17th Century) Anon. Craston Walts Cramer
The lark (Reminise) Crimes Minister
10.0 TIME SIGNAL PROM GREENWICK
WEATHER FORECAST. S.H. to all
Stations, Local News.
10.14. Mezao-Suprano Songs Wisa Felly " Landon Ronald (5)
"Wisa Felly" Landon Renald [5] "At Parting Jones Rodgers "The Fatry Pipers" Recover (1)
Greek Dance Seligmann

Chart Hindou ...... Rimsky Korsokov Spanish Dance ..... Popper

"Soo of Mine"   ("Freebooters   Waltace "The Rebell" Song ")   Waltace "Old Clothes and Fran Clothes"   Maria Shad   M	PROGRAMME-	-SUNDAY (June 29th.)
BOURNEMOUTH.  5.0. BAND OF THE ROYAL TANK CORPS. By Permission of Col Comm. T. G. Mudie. D.S.O. Conductor, W. J. GUBSON.  "Marche Stave" Suite, "Xavire" Suite, "Xavire" Bubiis  5.0. CHAS. LEESON (Planoforte). "Menuett" "Elegis and Schergo" "Menuett" "Elegis and Schergo" "Menuett" "Elegis and Schergo" "Menuett" "Elegis and Schergo" "Menuett" "Menuett' "Me	"The Vagabond" (" Bongs of Travel")	Intermezzo, "The Lake of Shadows"  Paul (1) Selection, "Madame Buil-rigy" Paccini (2) 5.0-5.20.—CHILDREN'S CURNER E.B. from Curdig.  8.30. ORGAN RECITAL  Relayed from Boscombe Arcad ARTHUR MARSTON, Organist Andante Cantabile and Finale (from 4th Organ Symphony) "Widor 8.40. "6BM" CHOIR AND ORGAN. Hymn, "Love Divine, All Loves Earelling." 8.45. The Rev. R. O'G. POWER, St. John's Church, Gosport: Religious Address. 8.56. Hymn, "Holy Father, in Try Mercy" 9.0. DAVID OPENSHAW (Baritons). Newer, My God. to Thee "Corry (1) "Thanks Be to God" Dichem [5] 6.5. THE WIRKLESS OBCHESTHA. Selection, Cavalleria Rusticana" Mascopni 9.15. Action, Cavalleria Rusticana" Mascopni 9.15. Orchestra.  Schoes Pittoresques" Miniscenet (15) B.35. David Openshaw. The Worker's Night Sing "Mascot (1) The Worker's Night Sing "Mascot (1) New Sicops the Crimson Potal"  Orchestra.  Selection of Mendelssohn's Songs Walkout Works.  10.10. Orchestra.  Selection of Mendelssohn's Songs Walkout Works.  CARDIFF.  3.0-4.30. ARTHUR ANGLES STRING ORCHESTRA Solo Violia, ARTHUR ANGLE. Vocalist, SOPBIE DE KONCHEN (Contralia).
5.0. BAND OF THE ROYAL TANK CORPS. By Permission of Col. Comm. T. C. Mudde. D.S.O. Coodmeter, W. J. GHISON.  "Marche Stave" Soute, "Xavisre" Soute, "Xavisre" Bubbis 3.20. ORPHEUS TRIO. R. G. SOMERS (Oboe). B. L. GIBSON (Flute). CHAS. LEESON (Planoforte).  "Menaett" Begin and Schergo" Begin and Schergo" Begin and Schergo" W. Musetta's Walta Song" VI.—Soute, "Roymond "A Thomas From the "Italian Symphony" Mendelisohn (a) "Pilgrims' March"; (b) "Saftarella."  3.55. MURIEL FREEMAN SMITH (Soprano).  "Mignature Song Cycle" Heristone Bong" Violia Solo, "Norwagian Samde Song" Violia Solo, "Au Bord de la Mer Violia Solo, Hecit. and Air de L ("L'Enfant Pradague" L'Enfant Pradague" Violia Solo, "Roymong."  "Musetta's Walta Song" ("La Bhene") VI.—Soute, Folk Tune; Fiddle Danca Percy Fletch VII.—Dance, "Mock Morris" Percy Graing Announcer: A. H. Goddard 50-530.—CHILDREN'S CORNER. S.B.	10.15. Close down. Announcer: Percy Edgar	" One Fine Day" (" Madame Butterfly ")
4.5. Orphens Trio.  Concertino Kammer  4.15. Band. State from the Works of William Byrd (1542-1623) arr. Gordon Jacob (11 Presto from "Norwegian Bhagsody " Lolo 4.35. Muriel Freeman Smith. Old English Melodies. "My Mother Bids Me Bind My Hair"  My Mother Bids Me Bind My Hair "  Hands (1)	3.0. BAND OF THE ROYAL TANK CORPS.  By Permission of Col. Comm. T. C. Mudie. D.S.O. Coodneter, W. J. GHESON.  "Marche Share." Technikovsky Suite, "Naviere." Bubois 3.20. ORPHEUS TRIO. R. G. SOMERS (Oboe). H. L. OIBSON (Flatel. CHAS. LEESON (Planoforte).  "Menaett." Handel.  "Elegis and Scherao." Garibeldi 3.35. Semil. From the "Italian Symphony." Mendelssoho (a) "Pilgrims March."; (b) "Saltarello." 3.55. MURIEL FREEMAN SMITH (Soprano).  "Minualure Song Cycle." Horlstone 4.5. Concertino.  4.5. Concertino.  4.6. Sante from the Works of William Byrd (1542-1623) arr. Gordon Jacob (1) Presto from "Norwegian Bhapsody." Lafo 4.35. Muriel Freeman Smith. Old English Melodies.  "My Mother Bids Me Bind My Hair." Haydo. (1)	"Arise, O Sun"

# WIRELESS PROGRAMME—SUNDAY (Continued from the facing page.)

The letters "6.6." printed in takes in these programmed signify a dimultaneous firemicast from the station was-based.
second of the Weskly Talks on "Resgion and Psychology," His subject
Prayer." Rymn, " Ere I Sleep," Tune, " Thanet
6.40. THE STATION SYMPHONY
ORCHESTRA Conductor: WARWICK BRAITHWAITE
I.—Overture, " In the South " Elgar (11)
Vocalist BABOLO WILLIAMS  1.—Overture, "In the South" Elgar (11)  II. Aria with Orchestra, "Hear Me, Ye Winds and Wavet" Handel (I)  III.—Symphomic Poem, "Grey Galloway"
The Bappy Love "The Preity Crestors"   H. Lane Wilson (1)   V.—"Weish Rhapsudy " German (11)   VI.—Overtare, "The Waspe Wilson (10)   NEWS and WEATHER FORECAST   S.B. from London, Lucal News.
"The Preity Cresture" H Lane "When Dult Care" Wilson (1)
V.— Weish Rhapsody " German (11) VI. Overture, "The Waspe Walnut
U.J. Lione down
Aunuancer: E. R. Appleton.
MANCHESTER. 3.0. CONCERT BY THE WILLIAM BROS. BIJOU TRIO, William BROS.
MOLLY GRAY (Soprato), L. KENDALL (Contraito), Trio.
Ministere Molly Gray,
The Robin Sings in an Apple Free
Les Biesses Medicarb N. HAWKINS (Solo Colle)
Les Bleeces Methods N. HAWKINS (Solo Cello).  Dance Rustique " Squice Polich Dance " Scharwenka
Marturna in F Rief
Secrecy Loy Kendall. Wall  Secrecy Linds: 11
H. BADULIFFE (Solo Viella). Minust No. 2 in G. Major. Heethouse, are. W. Harmanter
Mothy Gray,
"The Piper of Dreams" M. Wukefild [6]
Wayside Cross Schorps Lity Kradall. Piscoti (15)
I FMZ
Melody in F 5.0-5.30.—CRILDREN'S CORNER, S.B. from Cardeff
6.0-8.308. G. HONEY; Talk to Young People.
8.45. Vocal and Instrumental Music. BELLA REDFORD (Soprano).
BELLA REDFORD (Soprano).  "Ave Maria"  O Lorden Night  London Ronald (5)  VVONNE TIANO (Sele Pinneforte).
YVONNE TIANO (Solo Piazoforte) Suite, "Kreisleriana" Schumana ROMANO CIAROFF (Tenor).
"O Thou Sun, Red Sun" Stonoff "The Sires" Gretchunings LEONARD HIRSCH (Solo Viola).
"Romance" (from Concerto No. 2)
"Serenado Espagnola" Cham and Areistor  9 50 Hymn. The Rev. C. ANTRONY NEEVE, M.A.,
Religious Address.
10.0.—NEWS and WEATHER FORECAST. S.B. from London. Local News.
10 15 Ralls Radional
"Regie" Western Katherine Barry Yvenne Tiane
"The Little Shepherd "The Golliwog's Cake Walk" } Drbary

D 0 0
Romano Ctaroff
Why flave I Told You
"Why Have I Told You Nothing !" The Actume " The Actume "
The Author
Berocuse De Grand
Rondo Monast Krewicz
10.45.— Close down
Auxouncer : Victor Smythe.
NEWCASTLE,
5.0 4 30. BOLDON COLLIERY WORKMEN'S
PRIZE BAND
March, "Le Lion de St. Mare" - Fabiani
Overture, " Light Cavalry " Scons
March, Le Lion de St. Marc " Pahiani Overture " Light Cavalry " Suppa HILDA ROOD (Contraito).
Songa, Selected
I WILSON REVERINGE (Taxos)
"In Dreams Fleeting " Oldrayd (4) "Over the Land is April " Quilter (4) "O Flower of All the World " Pindra (1)
Over the Land is April " Quitter (4)
"O Flower of All the World " Finders [1]
Band.
Cornet Solo, " Triants "
Hilds Roul.
Songs, Salected.
Dand.
T Wilson Daniel Wagner
Songs, Selected.  Band.  Selection, "Tannhäuser" Wagner J. Wilson Beveridge.  "Love's Quarrel" Scott [4]  "The Magic of Thy Presence" Quality [4]  "Jean" Band.
"The Marie of The Presence" Challes (4)
" Jens " Mand (1)
Bund
"Allegre Moderate" from "Unfinished
Symphony " Schubert
Symphony " Schubert 5 0 5 30 CHILDREN'S CORNER. S.B. from
Condit
8 30 THE APOLLO MALE QUARTETTE
Hynn, " How Sweet the Name of Jesus
Bounds o A. and M. 176].
B 30 THE APOLLO MALE QUARTETTE. Hymm, "How Sweet the Name of Jesus Sounds" [A. and M. 176]. The Rev. JAMES MACONACHIE, of Heaton Presbyterian Church: Religious
Heaton Presbyterian Church : Religious
AGERRE
Quartetta.
Hypin " To the Name of Our Salvation "
A. and M. 1791
An Hosz of Ghamber Music,
8.55. HERMANN MCLEOD'S QUARTETTE.
Quartette in D Miour, Ist Movement
Harmann McLood (Nata Viella)
Hermann McLeod (Solo Violin).  "Sérénade Mélanculique" Tchukucaky
Charlette w Lungersky
D Micor, 2nd Movement Schubert ELSIE DOWNING (Soprazo)
ELSIE DOWNING (Soprang)
Youder ' Officer (B) Ever So Far Away ' Brown "Turn Ye to Me" Lucson
Ever So Far Away " Branca
" Turn Ye to Me" Lucyon
J. GRIPPIIII (Solo Cello)
Merry Harvesters Scamille Salman
Circuitatio
D Minor, 3rd Movement Schuhert
10 C - NEWS and WEATHER FORECAST.
S.B. from London.
Local News
10.15.—Class down
Associated: W. M. Shewen.
ADEPROVA
ABERDEUN.
3.0. THE WIRELESS ORCHESTRA
Hymne a Sainte Couls" General "Cananaetta from Bomestic Concerto"
College I ross Bulliage Concerto
" Heiraw Malady"
"Hebrew M. lody"
The second secon
WAVE-LENGTHS
AND CALL SIGNS.
ABERDEEN (2BD) 495 Metres
DIDMINGHAM (SIT)
CT ASCOWASCO PM
NEWCASTLE (5NO) - 400 H
BOURNEMOUTH (5BM) - 385 "
MANCHESTER (2ZY) - 375
TONDON (2LO) 385

LONDON (ZLO) -CARDIFF (5WA) \* PLYMOUTH (5PY) -EDINEURGH (ZEH) -

LIVERPOOL (6LV) -SHEFFIELD (6FL) -

3.20. WINIFRED FISHER (Soprace)
Be Thou Commented "My Heart Rose Faithful" } Back  3.50. Orchestra.
Symphony in G Major, "The Mintery"
4.0. Winlfred Fisher Decrate  God is My Shepherd Decrate  1 Love My God Bullock (2)  4.10. Orchestra.
Fagoria of Klowers, Wood for de Frades (1)
(1) "Passing of the Priests"; (2) "Midst. the Petals "; (3) "The Star Flower
(1) "Passing of the Priests"; (2) "Midst the Petals "; (3) "The Star Flower Tree"; (4) "Blue Lotter"; (5) "Re- turn of Comain."
9.30. Winterd Fisher
"Swing Low, Sweet Churiot" arr. Burleigh "I Got a Bobe"  4.40. Orchestra. Boul"  Constitute, "Boul"
Overture, "Boul"
B.30 CHURCH SERVICE
Belayed from St. Andrew's Cathedral, Minister: The Rev. HENRY CHAPMAN, St. Mary's Episoopal Church.
10.0.—NEWS and WEATRER FORECAST. S.B. from London, Local News.
10.16.—Close down. Annonner: W. D. Bimpson.
GLASGOW.
3.0. THE GLASGOW STRING QUARTETTE.
No. 12 in G Major Menere 5.20. ALEXANDER MACGREGOR (Baritone). "Britlany"
Coin Taylor (14)  3.39. Couriette. Coin Taylor (14)  Third and Fourth Movements, Quariette
No. 12 in G Major
4.0. Alexander MacGregor. "The Chapel on the Hill "  O. V. Stanford (14)  Eldorado" Molhinga
4.10. Quartelle
First and Second Movements of Rassomos- ary Quartette, Op. 59, No. 3 Beetheven
4.30. Ave Maria ' Schobert (1) "I Triumph, I Triumph !' Cartestina (1)
Third and Fourth Movements of Resonanti-
sky Quariette, Op. 59, No. 5 Beathuren 5.0-5.30 - CHILDREN'S CORNER. S.B. from
8.30. THE PSALMODY QUARTETTS.
Pasim No. 43, Varies 3-5 (Tone, "Invo-
8.35 - The Rev. GEORGE JOHNSTON, of Catheart United Free Church: Rengious Address.
8.50. The Pasimody Quartette. Psalm No. 85, Verses 1—5 (Tune, "Irish"). 8.55. THE WIRELESS QUARTETTE. Overture, "Resonande" Schubert
8.55. THE WIRELESS QUARTETTE. Overture. "Rosanuado". Schubert
Messo-Contralto).
"A Flower to Me Thou Seemest of Schumann B.15. The Wireless Quartette.
Suite, " Ballet Music-Henry VIII." Saint Soens
B.30. Catherine Paterace.  "My Dearest Heart" Sullivan (1)
"My Dearest Heart" Sullican (1) "O Peaceful England" German  8.40. The Wireless Quariette Concert Walts, "Gens of Gung'l"
0.47. Catherine Paterson. Glack "O Del Mio Dules Ardor"
10.0.—NEWS and WEATHER FORECAST, S.B. from London, Local News.
10.15 The Wireless Quartetic.
10.30.—Special Announcements. Close down. Announcer: Bichard B. Alexander.
A number against a possical item indicates the name of its publisher. A toy list of publishers will be found on one if.

# WIRELESS PROGRAMME—MONDAY (June 30th.)

The letters "6.8." printed in (talles in these programmen

#### LONDON.

4.0-5.0.—Time Signal from Greenwich. Concert!

The "2LO" Trio and Norms Scott.
(Contralto). "The Art of Bathing," by
Yvonne Cloud. "When Must a Husband
Fay His Wife's Bills?" by a Barristerat Law.

Story "The Goat and Compasses," Story "The Goat and Compasses," by E. W. Lewis. Recitations by Ivy Lyons. "Treasure Island," Chap. 20, Part I, by Robert Louis Stevens

T.C.—TIME SIGNAL FROM RIG BEN. 1ST GENERAL NEWS BULLETIN and WEATHER FORECAST. S.B. to off

Capt. H. C. MANSFIELD, M.C., F.R.G.S., late of the Royal North-West Mounted Police, on "Police Work in the Arctic." S.B. to other Stutions. Local News.

7,30-8.0. - Interval.

### 8.0. Hours with Living British Composers.

NORAH SCOTT TURNER (Soprano). OSMOND DAVIS (Tenor).
Mrs. NORMAN O'NEILL,
(Solo Pianoforto).

THE WOOD-SMITH STRING QUARTETTE.

(GEORGE STRATTON, STELLA PATTENDEN, ALICE ORASSIE, JOHN FRANCIS.)

THE COMPOSER at the Planc.
String Quartesta No. 2, First Two Movements. (2)

(a) Allegro ben moderate, (b) Allegro vivo.

Tenor Sanga. (3)

ments
(2)
(a) Andante molto, espressivo e liberamente, (b) Vivo con brio Tenor Songs.

"Idyll" (2)
"Moon" (2)
"Love Outwitted" (1)
Pignoforto Soli.
"Three Expressions" (First Performance)

"The Balliff's Daughter of Laington."

"Of Two Kings' Guldsen.
"To the Eastland We Will Ride."
"I Say Farewell."

19.0.—TIME SIGNAL FROM GREENWICH. 2ND GENERAL NEWS BULLETIN and WEATHER FORECAST. S.B. to all

Sir WILLIAM HENRY BRAGG, K.B.F.
F.B.S., D.Se., Director of the Royal
Institution, on "The Nature of Crystals
—Motals," S.B. to all Stations.

10.30. - THE SAVOY ORPHEANS and SAVOY HAVANA BANDS relayed from the Saroy Hotel, London, S.B. to all

11.30. Close down.

Announcer; J. S. Dodgson.

#### BURNINGHAM.

3.30-4.30.—Losella Picture House Orchestra : Conducted by Paul Rimmer. Esrbara Ravenseroft (Soprano). Arthur Morris (Solo Pianoforte).

5.0-5.30. WOMEN SCORNER Sidney Regers, F.R.H.S. Topical Horizoftural Hints. 5.30-5.35. Agricultural Weather Forcess, 5.35-6.30.—CHILDREN'S CORNER.

5.35-6.30.—CHILDREN'S CORNER.
6.30-6.45.—Tesus' Corner: Uncle Pehx on "Naval History."
7.0.—NEWS and WEATHER FORECAST S.B. from London.
Local News.
Major VALENTINE BAKER, Historical Travel Talk: "The Matabela War—the Loat Stand of Colonel Allon Wilson on the Shangaing River.—Hills encompages Balancing River.—Hills encompages River.

Shangaine River - the encompanies Bula-ways - the Disposal of the Metabele

#### All-British Programms.

THE STATION SYMPHONY

Overture, Britannis Machine (11)
Morecan, Sursum Corda Rigor
ASTRA DESMOND (Contraite),
"Where Corais Lie ("Sea Festures")
"The Savamer") ("Songs from the
"The Island of Panes") (Chinese Poets.")
"A Dream of Spring.")

Orchestra.

Andarting

Andantina Lemans Orchestral Scoos, "Processional " Russ Interlude by ARTHUR MELHOSE

A March Rhapsody on Original Therees German (11)

Astra Desmond.

"Songs of the Hebrides "Kennedy Fracer(1)
(a) "The Bens of Jura"; (b) "A Fairy
Plaint"; (c) "Sleeps the Room
(d) "Heart o" Fire Love"; (e) "The
Seal Woman's Groon"; (f) "Bloweth
the West Wind"; (g) "Land of Heart's

9.0. - THE FAMOUS MALINES CARILLON. S.B. from London

10.0.-NEWS and WEATHER FORECAST. S.B. feom Landen. Sir WILLIAM HENRY BRAGO. S.B.

from Leedan. Local News

10.30 Marche Solonelle from Orchestra. . Silver (2)

Marche Solonelle Ster (2)
Three Dances from "The Tempest Suffices (11)
Morceau, "Benedictus" Machenie (11)
March, "Pomp and Circumstance," No. 4
in G Klyar (1)

11.0,-THE SAVOY BANDS. S.B. from London.

17 30 .- Close down.

Amouncer: A. Pelham.

#### BOURNEMOUTH.

3.45-5.15.—Elliott and Douglas in Syncopated Mieth and Harmony. THE ROYAL BATH HOTEL DANCE ORCHESTRA, relayed from King's Hall Recens (Mesical Director : DAVID & LIFF). Talks to

5.15. CHILDREN'S CORNER.

6.15. (1.45. Scholary Half-Haur F. W. Lawrence, A.C.P., on "Ancient Peoples—Carthaginous."

7.0. NEWS and WEATHER FORECAST.

S.B. from London. Cape. H. G. MANSFIELD. S.B. from London. Local News.

7,30 8.0. Interval.

Bournemouth Municipal Orchestra Night.

8.0. MINNIE PALLISTER : Talk, "Changing Ideals. HOURNEMOUTH MUNICIPAL

ORCHESTRA.

"Weves Orchestro Michaella Scientian, "Faund" Michaella Scientian, "Faund" Michaella Scientian, "Faund" Michaella Scientian, "Faund" Michaella Song of Pan Back (11)

"The Old Bard's Fong" Houghton (14)
"Cume Away Dooth" Quiller (1)
"O Mistress Mine" Quiller (1)

9.16 NORA DELMARR (Suprano)
Scient, Sciental

Scale, Selected

Frank Major.

"Still as the Night"

"At Dawning

" Joseph Farrington

"Blow, Blow, Thou Winter Wind"

"A Ballynuro Ballad" , . orr. H. Hughes (1)

"Fea Fever "Captain Stratton's Fancy"..... Jecland

Nors Delmarr. Eongs, Selected.

9.40 Orchestra.
Suite. "Les Eromyce" Mossenet
10.0. NEWS and WEATHER FORECAST.
S.B. from London.
Sir WILLIAM HENRY BRAGG. S.B.

from Lordon.
Local News.
10.30. THE SAVOY BANDS. S.B. from

London. 11.30.— Closs down. Announces I John H. Raymond.

#### CARDIFF.

CARDIFF.

3.0-4.0 The Station Trie | John Miles (Tenor).
5.0-5.45.— SWA'S "FIVE O'CLOCKS";
Vocal and Instrumental Artistes. C. J.
Read (Baritans). Talks to Women.

5.45-6.30 CHILDREN'S CORNER.

6.30-8.46.— Nature in Art (Studies in the Lives
of Crest Artists); L.— The Shell "in
"The Birth of Venus (Bolticells).

7.0. NEWS and WEATHER FORECAST.
S.B. from London. Local News.
Lt. Col. WEAVER PRICE, M.C., Brecon,
on "Bees."

Feature Programme 7.30. ART SONGS AND CHAMBER MUSIC
Vocalist DOROTHY SILK (Soprano)
Sole Harp DOROTHY SILK (Soprano)
Sole Oboo LEON GOOSSENS
Recital A. G. PRYS JONES
Accompanist VERA McCOMB THOMAS
I. Sonata for Oboo and Harp (Solected)
II. Aria, "O Love is a Pleasure" (Cantata
No. 202)

A number against a monical item indicates the name of its publisher. A key list of publishers will be bound on page 15.

# WIRELESS PROGRAMME—MONDAY (Continued from the facing page.)

file minima "5.8." printed to italics in these programmed aignity a Browltsopeus Broadcaut from the station men-III. Harp Solo.
Enring Fancies, No. 1 ... Hamilton Harty
IV. Oboe Soll.

Solo 

own Poems:

A Song of Wales."

Dick Fisherman.

A Baltad of Glyndwr's Richg."

2.0.—THE FAMOUS MALINES CARRILLON.

S B from London.

10.0.-NEWS and WEATHER FORECAST. S.B. from London. r WILLIAM HENRY BRAGG. S.B.

LOCAL NEWS.
10.30. ART SONGS AND CHAMBER MUSIC VL German Songs with Harp Accompan-

"Auf Flügeln des Ocsanges"

"Standelson"

Harp Soli.

Two Ballads Oboo Soli.

Oboo Soli. 

"I Attempt from Love's Sickness to

"Phyllis Has Book Charming Graces" arr. L. Wilson X, "Serenade" for Obos and Harp

Richard Drigo 11.0. THE SAVOY BANDS. London

11.50 - Cines down.

Aunouncer | W. N. Settle.

#### MANCHESTER

2 30-30. MAINLY FEMININE: Miss Celeste
Sacha (Emertainer at the Func).
5.30-4.30. Concert by the "AFY" Quartette.
5.45-5.0. Concert by the "AFY" Quartette.
5.45-5.0. Children's Letters.
6.0 6.30. Children's Letters.
6.0 6.30. Children's Letters.
7.0. NEWS and WEATHER PORECASI.
8.8. from London.
1.0. Local Nows.
Dr. B. T. J. GLOVER M.B., D.F.H.,
on "Photography."
7.30. BESSES O' TH' BARN BAND.
Conductor: HARRY BARLOW.
March, "The Vanished Army"...... Alford
Overture, "Resummede .......... Shaderi
Cornet Solo. "Arbuckleniam" ... Hariman
OLLA TELIA (Mozze Soprano).
"Caro Nome" (Rigoletto) ....... Fordi
"Starry Woods" ..... Montagu Philips
FODEN WILLIAMS (Entertainer): In
Selections from his Reportoire.

Grand Selection, "Reminiscences Resson" Selection, "The Lady of the Ruse" Gilbert (1)

"A Brown Bird Singing " ... Haydn Wood "Love's Old Sweet Song " ........ Molloy

Brew ord 

S.B. from London. 19.0.—NEWS and WEATHER FORECAST-

S.B. from London.

WILLIAM HENRY BRAGG. S.B. from London.

10.30.—THE SAVOY BANDS. S.B. from

31.30 .- Cless down.

Announcer's Victor Smythe.

3.45-4.45.—Concert: Dorothy Purvis (Con-traite), Alan Proctor (Solo Pisacforte), Sam Barraclough (Solo Cornet).

4.48-5.16. WOMEN'S RALF-HOUR : Weekly News Letter. The Rev. Arthur Robins on " Dickens and the Child in the Com-

munity."

5.15-6.0.—CHILDREN'S CORNER.

0.0-6.20.—Scholars' Half-Hour: Mr. A. Ras.
M.A., on "Comets and Shooting Stars."

6.45-6.50.—Farmers' Corner.

7.0.—NEWS and WEATHER FORECAST.

S.B. from London, Local News.

Rev. F. AVERY, D.D., Ph.D., Talk on "Sketches from an Italian Notebook."

Sea Breezes Evening.

"Handa Across the Bea."
David McFadzaga.
"A Chip of the Old Block"
"Captain Mag" Orchestra. Sanderson [1]

"A Life on the Ocean."

O.U. THE FAMOUS MALINES CARILLON-

S.B. from London. 10.0.—NEWS and WEATHER FORECAST. S.E. from London. F WILLIAM HENRY BRAGG, S.E.

from London. Local Nows.

10.30.—THE SAVOY BANDS. S.B. from London

11.30.-Close down.

Announcer: H. C. Fratt.

#### ABERDEEN.

3.30-5.0.—Dance Afternoon; The Wireless Quartette, Lilian Murray (Mezzo-So-pranc). A Local Expert on "Pearls," Feminina Topics.

6.9-6.30.—CHILDREN'S CORNER: Games Evening. Miss Helen Smith on "How to Enjoy Swimming."

6.0-8.35.—Weather Forecast for Farmers.
6.33-6.55.—Ohi Guider' News Bulletin. Boy Scouts' News Bulletin. District Commissioner A. Buck on "Summer Campa."
7.0.—NEWS and WEATHER FORECAST.
S.B. from Landon. a.
Capt. R. G. MANSFIELD. S.B. from London.
London.

Local News.

Everybody's Programms.

SOPHIE ROWLANDS (Suprano). TOM KINNIBURGE (Base).

Selection, "Hullo, America I" ... Finck
Solic So

#### CHAPPELL WEBER BROADWOOD

pianos are in use at the various stations of the B.H.C.

"O Mistress Mine"
"Love's Philosophy"
"Toos Kinniburgh
"Quaff, Quaff with Me the Purple Wine"

arr. Carmichael (1) The Lute Player Orchestra

Scens, "Adonais" ... Rouald (5)
Tora Kinnibergh,
"Star of Eve" ( Taunhauser ) Wugner (1)
"The Vulcan's Bong" ... General (1) 9,9,-THE PAMOUS MALINES CARILLON.

S.B from Londo 10.0.-NEWS and WEATHER FORECAST.

S.B. from London, Sir WILLIAM HENRY BRAGG, S.B. from

Local News

10.30.-THE SAVOY BANDS. S.B. from Louden

11.30. - Close down.

Announcer: W. D. Simpson.

#### GLASCOW.

3.30-4.50,-The Wireless Quartette and Ressie Muirie (Contralto).

4.45-5.15.-TOPICS FOR WOMEN: Topical Afternoon.

5.15-6.6.-CHILDREN'S CORNER: Letter Competition Results.

0.0-6.0.—Westher Forecast for Ferners.
7.0.—Westher Forecast for Ferners.
8.B. from London.
Capt. H. G. MANEFIELD. S.B. from London.

Local News

7.30.—Prol. LINDSAY, M.A., of Olasgow University, on "Philosphy." 7.45-8.0.—Interval. 8.0.—J. P. McHUTCHISON, M.A., of Glasgow University, on "The Alchemy of Radium.

Popular Night.

THE STATION ORCHESTRA.
Conducted by ISAAC LOSOWSKY.
Musical Compedy Selection, "The Cinema

Musical Comedy Belection, "The Cinema Star" Gilbert

8.30 MARY FERRIER (Sepenace)

"Adonals" Landon Bounk (5)

"A Rethnay" H. Woodman

8.40. CEDRIO SHARPE (Sale Violancello).

"A Metaminer Song" Gabrielle Marie

"La Cinquintaine" Gabrielle Marie

"Le Cygne" Saint Saint

"Serenade" Pierre (15)

8.52. Orchestra.

Selection, "Coppelia" Deliber Wolfen

2.0 THE FAMOUS MALINES CARILLON.

S.B. from London. 10.0.—NEWS and WEATHER FORECAST.

S.B. from London,
Sir WILLIAM HENRY BRAGG. S.B.
from London,
Local News.

Mary Ferrier.

Bid Me Discourse " ...... Bishop (1)

"Amarilli" Caccini
Cedric Sharpe
"Coronach" (A Highland Lament)

E. Berrott, arz. C. Sharpe (4)
"Salut d'Amour"
"Andantino," (A Song of the Soul)

Latracere (11)

\* Liebesfrend Walts " ..... Kressler 11.0.—THE SAVOY BANDS. S.R. from

11.30. Special Announcements, Close down. Announcer : Richard B. Alexander.

A number agalent a seculent them indicates the us me of its publisher. A key first of publishers will be found ar page its.

# WIRELESS PROGRAMME—TUESDAY (July 1st.)

The letters " R.B." printed in Stalics to these programmes signify a Constitutions Broadcast From the station man-

#### LONDON.

1.0-2.0.—Time Signal from Big Ben. Concert: The "2LO" Trio and Madame Mury

The "2LO" Trio and Madame Mary Chlican (Mexac-Soprano)
4.0-5.0.—Time Signal from Geograph. Concert. "Books Worth Reading, by Jamy Wren. Organ and Grehestral Music reloyed from Shepherd's Bush Pavilion. "Punting How Not to Do It," by Arnot Robertson.
6.0-6.45.—CHILDREN'S CORNER The Golden Goose" (Grimm) told by Hercourt Williams. "The Merchant Adventurem and their Shipe, by W. J. Bassett-Lowke.

5.45-5.55.—An appeal by Mr. G. E. Duvesn on behalf of the Royal Far Hospital.
7.9.—TIME SIGNAL FROM RIG HEN, IST GENERAL NEWS BULLETIN, and WEATHER FORECAST. S.E. to all

FRENCH TALK, under the acspices of L'Institut Français, "La Douans." S.B. to all Stations.

Local News, 7.30. **Sale Night** 

THE BAND OF H.M. ROYAL AIR FORCE

FORCIC

By permission of the Air Council.

Director of Music Flight Lieut. J. AMERS.
Arbiston:

JACK RICKARDS and VIOLET
STEVENS: "The Scandalmongers."

The Band.

Overture, "Vanity Fair" ... Fietcher
(In this Overture several characters from
Thackersy's nevel are portrayed.)

Piccole Dues, "Flottering Sircks" Gennin
(Soloists: Musicians A Locham and J.
Skelding.)

Cornet Solo, "Parted Toxic
(Soloist: Corporal G. Regna, D.C.M.)
Humoresque (with Variations), "Three
Blind Mice" Lotter

"The Scandalmongers" will Entertain. Blind Mice "The Scandalmangers" will Entertain.
The Band.
Selection. "Merrie England". German
Trumbono Bolo, "The Switchback"

Sutton (1)

(Soloist: Musician I. I. Browne.)

"The Beandalmongers" buck again.
The Band.
Suite, "Americane".

(a) Serenade, "When Malindy Sings".

(b) Skotch, "The Water Melon Fete.
The Royal Air Force March.

The Band.

Music for "Dominion Day". A Schooling.

The Band.

D.B.—Music for "Dominion Day" A Secretion of Canadian Songa ... urr. Barmood (1)

D.15.—Speeches by the Hon. PETER C.
LARKIN. High Communications for Canada, H.R.H. The Prince of Wales,
The Rt. Hon. J. H. THOMAS, M.P.
Secretary of State for the Colonies,
and others, delivered on the coension of the Dominion Day Dimper at the Hotel the Dominion Day Dinner at the Hotel Cool. S.B. to all Stations.

TIME SIGNAL FROM GREENWICH.
IND GENERAL NEWS BULLETIN
and WEATHER FORECAST. S.B. & all Stations.

Local News. 10.10.—Act 111. of the Opera" IL SERAGLIO"
(Muceri), played by the British National
Opera Company, relayed from His
Majorty's Theatre, London, S.R. to off

10.50.- Close down.

Announcer: J. Q. Broadbent.

#### BIRMINGHAM.

3.30-4.30. - Station Piano Quintette, Conducted

by Frank Cantell.

5.0-30.—WOMEN'S CORNER; Mary Frestann (Contratto), George Rullitt (Tenor),
Cora Astie (Solo Fianoforte).

5.30-6.35.—Agricultural Weather Forecast. 5.35-6.30.—CHILDREN S CORNER 6.30-6.45.—Teens' Corner: Gladys Whitehill: Songs of John Ireland. 7.0.—NEWS and WEATHER FORECAST.

S.B. from London. FRENCH TALK, S.B. from London. Local News.

7.30 8.0. -Interval.

Popular Programme.

8.0. THE STATION ORCHESTRA.

Overture, "Marths" Flotas:
Selection. "A Day in Paris" Finck
Walts, "Rouge at Noir" Lotter
8.30.—AERBUT PAERRS will say a few words.

Orchestra. 

(c) Valse Lente; (d) Large; (e) Final Galop.
Walts, "Ls Manole", ...... Waldtenfel

9.0. ETHEL WILLIAMS (Contralto).

"Skyo Cradle Bong" ......... Bould
"O Peaceful England" ("Merrin England") German

9.15. Speeches by the Hon PETER C.
LARKIN, High Commissioner for Canada, H.R.H. The Prints of Wales,
The Ri. Hon J. H. THOMAS, M.P.,
Secretary of State for the Colories,
and others, delivered on the occasion of
the Dominion Day Dinner at the Hotel the Deminion Day Dinner at the Hotel Cocil. S.B. from Landon. 10.0.—NEWS and WEATHER FORECAST.

S.H. from London.
Local News.
10.10.—"IL SERAGLIO," Act III.
from London. 10.00, -- Close down.

Announces : A. Pelham.

#### BOURNEMOUTH,

3.45-5.16.—The "6BM" Trio: Reginald 8.

Mount (Viclinist). Thomas Illugworth (Collist). Arthur Marston (Pinnist). Gladys Rawson (Finna Improvisations). Talka to Women. "Motherersft," by a Waman Doctor.

5.15-6.15.—CHILDREN'S CORNER.

6.15-6.45.—Scholars' Half-Hour! John Adams, A.R.C.A., on "Dolft Ware,"

7.6.—NEWS and WEATHER FORECAST.

S.B. from London, FRENCH TALK. S.B. from London.

Local News. 7.30-7.45. Interval.

Popular Night.

THE WIRELESS ORCHESTRA. Conductor

"Absent " D. Crossley
D. Crossley
"Absent " Manual (1)

8.5. THE "IMPOSSIBLES" CONCERT

PARTY

1. The "Impossible" proceed to demonstrate their Impossibility by inviting you to "Corne to the Show," which is, of course, "Impossible"?

2. An "Impossible" girl relates an "Impossible "femaly history.

3. The Show in here held up by on "Impossible "Soprano, who insists on singing.

4. Two "Impossibles" manual insists on singing.

Two "Impossibles" now join for in the hope of scoring a "Possible

5. Our Pianist attempts the "Impossible"!
th. An "Impossible Story told in the
Impossible style.
7. It is no longer "Possible" to provent

7 It is no longer "Possible" to prevent our Baritone from singing. 8. Two more "Impossibles" try their We know this is "quite Impossible."

Bullet Music, "William Tell " ... Bession 8.50

John Huntington.
"West Country Lad" ("Tom Jones") "Ever So Far Away" (By Special Re-

guest).

"Ring Charles".

"M. V. White (1)

9.16.—Speeches by The Hon. PETER C.
LARKIN, Hurb Commissioner for
Cannda, H.R.H. The Prince of Wales,
The Rt. Hon. J. H. THOMAS, M.P.,
See retary of State for the Colonies,
and others, delivered on the organics of
the December, delivered on the organic of the Domission Day Dinner at the Hotel Cook. S.R. from London.

10.0. NEWS and WEATHER FORECAST. S.B. from London. Local News.

10.10 .- "IL SERAGLIO, Act III. S.B. from

10.50, -Close down

Announcer John H. Raymond,

#### QARDIFF.

3.0-4.0.—Falkman and his Orchestra, relayed from the Capital Cinema.
5.0-5.45.—"5WA'S" "FIVE O'CLOCKS";

Vocel and Instrumental Artists, including Mary Richards (Soprate).
In Women. Weather Forests.
5.45-5.30.—CHILDREN'S CORNER.
6.30-6.45.—"How to Write" (VII.)

Short. Stories, by an Editor

7.0. NEWS and WEATHER FORECAST.

S.B. from London. FRENUH TALK. S.B. from London.

FRENCH TALK. S. R. from London.
Local News.
THE ROMILLY BOYS' CHOIR AND
STRING RAND.
Conductor, W. M. WILLIAMS.
Artistes HERBERT POWELL, ARTHUR
POWELL, RONALD BOON, ALAN
BRINN and GLYN WILLIAMS.
7.30,—March, "Militaire" Schubert
Scottish Songs.
On the Banko of Allon Water"
Annie Laurie.

Annie Laurie Alza Brima

Selections. Andante . ......... Hoyda .....

Minust and Trie Mount
Old English Folk Songs
"The Nightingale" | err. W. M. Williams
"Lord Revent"

Clyn Williams (Solo Cello)

Counnel

Herbert Fowell (Solo Violin). "Souvenir" Part Song. Drdla
"The Riens Maidons" ("The Twilight of

"I've Boen Rouning

C. E. Horn, orr. W. M. Williams

Two-Part Song.

"I Know a Bank"

C. E. Horn, orr. W. M. Williams

Ronald Boom

C. E. Horn, orr. W. M. Williams

Part Songs.

"The Cachucha" Suthinan
"Home, Sweet Home" Bishop
"The Shepherd's Lidlaby" T. D. Educards

A number number a crusical item indicates the name of its publisher. A bay list of publishers will be found as page 18.

# WIRELESS PROGRAMME—TUESDAY (Continued from the facing page.)

The letters "E.E." printed in italics in these programmes against a firm the partial mem-

935. Speeches by The Hon PETER C LARKIN, High Commensumer for Canada, M.R.H. The Prince of Wales, The Rt. Hor J. H. THEOMAS, M.P., Secretary of State for the Colomes, and others, delivered on the occasion of the Dominion Day Dinner at the Hotel Cecil. S.B. from

NI VS and WEATHER FORECAST 5 B. from Landon

Local News. 10.10. - 12. SERAGLIO, Act III. S.B. from London 10.50. - Class down

Announcer. C. H. King.

#### MANCHESTER.

2 30 3.0.—MAINLY FEMININE: Miss B limitation on "Pleasant Havens of Itenesiasw em "I Refuge in the City.

5.30 4.30.—Lecture on the Development to Opers by MOSES HARITZ (N'), "Freuch

5.40.-5.45. Farmers' Weather Forecast
5.45 S.C. Ch. Aren's Letter.
6.0 0.30. CHIL REN'S CORNER
7.0. NEWS and WEATHER FORECAST
S.R. from London
F. N. H. TALK. S.B. from London. Lancal Names.

7 30- 8 15. Interva-

An Hour of Overtures,

Shown and Unanown.

1 \*B Courage y

R day Gomes Overture 1 R. Liebe M. Bellin To reproduce to 5. Qualter

Bache H role 6. "Boheman Gerl" 15 11.1

9 15 Speechan by The Hon. PETER C LARISTN Hel-Communication for Caracto H.R.M. The Prince of Walss, The R. Hon. J. H. THOMAS, M.P., Secretary of Stete for the Colonies, and others, delivered on the occasion of the Dominion Day Dimper at the Hotel

100. NEWS and WEXTHER FORECAST

& B from Landon. Local News.

H SCHAG 20 AS AH 0.11 from Land a

10.50. Class down.

Amount Victor Say he

#### NEWCASTLE.

145 4.45.—Concert Flores Trutter (Septano),
Sola 'Cel' i]
4.45 5.16. WOMEN'S HALF HOUR The
Ray. Herbert Burnes on "Brown He Many Post.

Young Songe 5.15-6.0.—CHILDREN'S CORNER

6.0-6.20.—Scholars Half Hour: Mr. W C. F. Company, B.Sc., on "The Story of Rapid Transit," Part I.

6 45 8 80. Figurers' Corner.

7.0. NEWS and WEATHER FORECAST S.B. from London FRENCH TALK S.B from London

Lucia News.

139 745 1 rval

Dramatic Night.

TO SERVICASTLE PLAYERS'
REFERIORY TELATRE COMPANY,
MARKS E.S.

Gertrude Roune A Lower Middle Cluss Comedy

Cost - KATFILEEN MAY Carolina Parker Cardina Pursor

Dody Parker (Her Younger Sistor)

MAY JOHNSTON Mr. Thompson (Their Lodger)
CLIFFCRL FORES
Mr. Albert Scrythe (Stockjubber's Clerk)
FRE. H. PATTLESON

The Action takes place in the Sitting Boom of the Parkers' Boise.

CEDRIC SHARDE (Solo Cello). Manuel

Berthaven, arr Codric Skurpe (15)

\*\* Andantino \*\* (Song of the Soul)

Lemare (11,

"In Cinquentains " Galriel Mare"
"Chanson de Stat " Elgar (11)
Lucheafread Waste" Revisler

"REALITIES" Gentrade Robins

A Midnio Claus Comedy
Being a Beyort to "Measonifts,"

Mrs. Henry Thompson (nos Caroline Purker) Mrs. Albert Sreythe (néo Rose Philips)

Heavy Thompson CLIFFORD JONES
Albert Smyths FRED H. PATTLESON
The Action toins place in the Padour of
the Thompsone House in the Subarba, two
years after "Masscalafts

9.15.—Speeches by The Hot. I FTFR a LARKIN, High Commissioner for Canada, H.R.M. The Prince of Wales, The Ra Hou, J. M. THOMAS, M.P., Secretary of State for the Colonies, and streets, delivered on the occasion of the Dominates Day Donner at the Rotel Cecil. S.B. fram Landon

16.0 - NEWS and WEATHER FORECAST Local News

10.10. "IL SERAGLIO," Act TIL from London

2 80. Clase down.

Announcer W M. Shewen.

3.36-5.0. The Wireless Quartette. Mrs. Scath more Forbes on "My Impressions of the Church of Scattand Assembly " Foru view Topics

5-45-6.30. CHILD REN'S CORNER: Sun-sainte Hour for Noung and Olo Eiddies. Rosemmunt Grew Chin: Bessio News

8 30 6 35. Weather Forecast for Farmers.

6 46-6.55, JOSEPH ROSS on "Forty Years that a vorthern (No. 10 of Crokes Sories

NEWS and WEATHER FORECAST S. R. am J. often F. S. H. I.ALK. S.R. from London. Lateur News.

7 30.—JOHN F. DYKES, Leurencekirk, on The Various Breeds of Fuge

#### Cinssical Night.

ASTRA DESMOND (Contrakto).
THE WIRELESS OR RESTRA "Let Zourves"

Herezourves

Hymna Hervico & la France Joie de Vivre ? --

da 1649. 198

" Phulylo"
John Perry
Von Neghtungule (8)

"I Listen for You Neghtingule (8)
Orchestra.
"Potite Buits" Debassy
(a) En Batteau , (b) Oortege, (c) Menset, (d) Ballet

Astra Desmand

"Thou Art Ruga" ... Colorudge Taylor (1)

"Widmung" ... Solvamann

"The Eri King"

"The Eri King"

D. 15.—Speaches by The Hon. PETER C.
LARKIN, High Commissioner for Canada, M.R.H. The Primes of Wales,
The Rt. Man. J. H. Thumas, M.P.
Becratary of State for the Colonies, and others, delivered on the necession of the Leminus Day Dinner at the Hotel
Com. S. B. from London.

10.9 NEWS and W. ATHER FORECAST

S. P. from Landon.

S P from Lundon Local News

10 16 H. SERAGLIO," Act III. S.B. from Landon.

10.50.—Close down.

Annuancer: H. J. M. Kee.

#### GLASGOW.

3.30-4.30.-Feature Afternoon by the Wireless Quartetto and Ina Pergueon (Soprano). 4.45-5.15.—TOPICS FOR WOMEN: Art and

Literature.

Literature.

5.16-6.0.—CHILDREN 8 CORNER. Our Workly Forty Five M. nutes with the Sto duer Condrop

6.0-6.6.—Westher Forenset for Farmers.

7.) NEWS and WEATHER FORECAST S. E. from London FRENCH TALK S. B. from London. Local N. W.

Local N was

7 % 8.0. Incerval.

Domining Day-Canada.

THE STATION OR RESTRA
Conducted by ISAAC LOSOW 36 1
B.C.—Sir GEORGE MCLAREN - BROWN. Paorde Railway, on "Dormina Day

School Morrie Each in Howing St. HIE HOWLAN S Suprance, Manie Song ("La Bohème") .... Patent Orchest ru-

Waste, "Sunset on the St. Lawrence "

TOW KANNIHURGH (Bass)
"Valent a Song - (Philamon and Haucta'') Old English Asr. ' When Dill Care

Orchestra.

10.50.—Dance Music relayed from Gloncogles Hot

12.0.—Special Announcements. Close down. Announcer: Richard B. Alexander.

A necessor against a messral stem understoo the name of its publisher. A say list of publishers will be found on page 10.

# WIRELESS PROGRAMME—WEDNESDAY (July 2nd.)

The retters "S.S." printed in rights in these programmes signify a bimulianeous Brandons from the right on man-theast.

#### 201000

4.8-8.0. Time Signar from Greens F Light CLASSILAL PROFIT OF F 11 E WIRFLESS ORCH S RA Column of VI VN COLFFEY Jack VICTOR LON F. Lass

VERA WOOLLCOMBE (Contra "The Work of a Woman Met der of Parim ount," by Mrs. Wintringham, M.P. "sattle Tenys of Lac Empire at Weinbley."

2. by M. Grant Cook

CHILDRENS CONNED Uses
Jeff's Musical Talk. Music by the Wireless

76 TIME SIGNAL FROM BY BEN AST CENERAL NEWS BILLIFTIN and WALLAR PORECAST SE to all

ARCHIBALD HADDON (the B.B.C. Dro make Critic). S.B to oil Stateons. Local Naws.

7.30-b.0. lo eval

"2LO'S" Bran Tub Night
8.0.—Four "Locky Dips" round the Pro-

VIDER Stations THE PURFICE FOOL. An Opera in One Act by Hoist Performed by

the British Netsonal Opera Company Recayed from

He Majesty's Thentre, London
S.R. to all Stromes.

[For story of the opera res page 21]
The second of the opera result of the second of the se

WEATHER FORECAST. S.B. to all

E. LE BRETON MARTIN "The Politost Vanage in the World." S.B. to

The Week's Work in the German, by the Royal Hortonthurst Society. S.B. to other Stations. Local News.

5. A "Dip" in the Savoy Hotel
Dance Music by the SAVOY OrtoHEANS
AND SAVOY HAVANA BANDS. S.B. to all Stations.

11 30,-Class down. Amouncer J S. Dodgson.

#### ADDRESS OF THE RES.

3.30-4.30. Logella Picture House Orchestra
Directed by Paul Rammer
5.0-5.30. WOMEN SLOMMER Mabel France
on 'Social Work as a Career.'
5.30-5.35. Agricultural Weather Forecast,
5.35-6.26.—KIDDIES COPOLY.
6.30-0.45. "These' Corner Captain Cuttle
on Submer mes.
7.0. NEWS and WEATHER FORECAST
SR Sem Loggles

S. B. from Landon
ARCHIBALD BADDON, S. B. from
Loadon, Loca News,

7 30-8.0 .- Interval.

W A MCORE (Pener). 8.15. W. K. MCORE (Fener).

The San man Browns

"Songs My Mother Sang" and Granchuse

"Also, That Spring Should Corne" Lehamus
8.30.—"THE PERFECT FOOL." & B. from

London

0.40. A. C. BARKER (Humorous Items)
"The Bull Fight."

" Comerdences. 40 0 .- NEWS and WEATHER FORECAST

S.B. from London
Mr. E. LE BRETON MARTIN S.B.
from London, Local News
19 35, THE SAVOY BANDS S.B. from

B B. from Lonion

11 30. L Announcer. A. Pelham

#### BOURNEMOUTH.

Et a Rowland Sato Pas aforte 1 den Suprano). Vera Norton v 56 F

THE ROYAL BATH HOTFL LANCE OR, PESTRA relayed from York H f. Rooms, Tolky to Womer Care or ag

by George Patters

1 3 1 1 5 That A CORNER.

6 10 6 St. 108 Fa H 7

6 to 6 School Da Hor 7 J.-NI-WS and WEATEFR FOREAUST

S.B. from London
AR HIBALD HADVON, S.B. from
London Local News
50 8 30 1 feet al
8 30.—"THE PL SPECT FOOL" S.B. from

Lindon TIF ABIFLS CONCERT PARTY

Ton the Fis Songs

100 NEWS and ALTHER FOREGAST

200 adds.

M E. J. BRITON MARTIN, S.B from

R al Hortse stural Secrety Talk S.B. 1 HE SAVOY BANDS S.B. from 10.35

11 30. Close duwn.

Announcer: John H. Raymond,

#### CARDIFF.

3.0-4.0. Falkman and Or hesten relayed from the County Cou

& B from London ARCHIBALD HADDON, S B. from

London. 7 30 S.O.— Interval

THE STATION ORCHESTRA.

Vocalist, JOHN HUNTINGTON (Baritane) Marching Along M F Hate

' Pur Be on the Roa Herson, Lingle Crowley " Day Dreams Yennie Smeyer

\* We iz of the Concorbread Children "
[" Hansel and Gretal"] ... Hansperdinck (" Hangel and Gr. ' Marche Tartora"

The Song of the Read Geoffery Standau Hew De I Love Thos " . M F Wa King Charles " . . . M F. Wate (1, "THE PERFECT FOOL" S B from

Landon

Orchestra Schotten, "The Mausing

Murch, "Discard Greeting " and T deal No. 18 Press Le 18 19 19 19 And And Mr. We E. Fress Le 18

Mr E. LE BRETON MART N & B. from

THE SAVOY BANDS. S.B. Join

₄1 30.—Close down

Anno meet A. H. Godcard,

#### MANCHESTER.

2 30 3.0.— MAINLY FIMININE. 3 30 4 30.—Concert by Joint E. Riodes (Tener) North Thirtle (Suprine), Joan Formst (Cemrolin), Wilfred Long (Tener), Albert

Loras News

March, '

4 News

Popular Concert.

THE 2AY' OR ABSTAN

ch. "The Sport of Pagesnics

I racher (1) bird Su. The Long age of Flowers

TDA SAtrAil (Mexas-Contralts). Mountargate .... Straum

A number against a messau step recentled the name of its publisher. A key list of publishers will be found on page 18.

## EVENTS OF THE WEEK.

SUNDAY, JUNE 29th LONDON, 9.0. 41 All Stag 42 Programme Curmen Hill Robert Radford, Dossy

Kennedy, and Beatrice Harrison BOURNEMOUTH, 3.0,—Band of Royal Tank Corps.
CARDIFF, 8.40. British Composers'

Eventage

MONDAY, JUNE 20th LONDON, \$ 0.—Gerrard Williams' Pro-

gramme.
LONDON, 3.0. The Famous Mahnus
Caridon, relayed from Mahnus, Belgium.
S B to other Stations
NE WCASTLE, 8.0. Son Breezes Evening.

TUESDAY, JULY 1st.

TUESDAY, JULY 1st.

LONDON, 730.—Sole Night by Band of B.M. Royal Air Force.

LONDON, 9.5.—Dominion Day Speeches relayed from the Hotel Cocil. Speeches by H.R.R. The Prince of Wales, the Hon. Peter C. Linkin, High Commissioner for Canada; the Rt. Hon. J. H. Thomms, M.P., Secretary of State for the Colonies S.B. o all Stations.

LONDON 1010 "R. Seraglio," Act III. (Mozart), played by the B.N.O.C., relayed from His Majesty's Theatre, London. S.B. to all Stations.

NE WCASTLE, 745 Dramatic Night

WEDNESDAY, JULY 2nd.

LONDON, 8.16. "The Perfect Fool"
(Holat), an Opera in One Act, played
by the B.N.O.C., relayed from Hu
Majerty's Theatre, London. S.B. to all

BIRMINGHAM, 8.6.-Opera and Balled Night. GLASGOW, S.O. -- A Progression of Song.

THURSDAY, JULY 3-d.

LONDON, S.O.—Mondelarohn Night, LONDON, M. 15. "Midsummer Mad-ness," Act JIL, relayed from the Lync Theatre, Hammersenth, S.B. to all Stabons.

NEWCASTLE, 8.0. Operatic Night BOURNEMOUTH, 8.30. Dramatic

Night ABERDEEN, 8.35. Operatic Night

FRIDAY, JULY 4th.
BOURNEMOUTH, 8.30. -" A Night on

CARDIFF, 7.30 .- Independence Day Pro-NEWCASTLE, 7,30 Dramatic Evening. MANCHESTER, 745. Pickwick Papers.

SATURDAY, JULY 5th.
BOURNEMOUTH. 7 38-9,30, —Operation

# WIRELESS PROGRAMME—WEDNESDAY (Continued from the facing page.)

The letters " i.e. printed in Halles in them programmes againg a Standishness Greedenst from the station pro-

Loudon.

Softly Awakes My Heart " (\* Sameon and Dehiah') Soon Soon Soon Soon

Sarabande | Sarabande | Sarabande |

10 O NEWS and WEATHER FORECAST S.B. from London Mr. E. LE BRETON MARTIN S.B. from

I. . H r multimal Society Talk. S.B.

Local News THE SAVOY BANDS S.B. from 10 %

II 30. Close down

Announcer . Victor Smythe

#### NEWCASTLE.

3.4 1.45. The Statum Light Orchestra, Con-nucler Wilmer A. Crease 4.45 5.15. WOMEN'S HALF HOUR'S Mos Environmental of J. Herdman: Dramata I about from "Much Ado About Northing." Dabol Spence Shokespearcon

5.1. CHII DIREN'S CORNER 6.0 930. Scholars Hall Hours Mr W Carr B Sc., on "Respiration of Aquatic Amunits." Par 2

d 35 0.50. Farmers Corner : Prof. G lebrist - Scatsorable Nation.
 7 0. X-WS and WEATLER FOREX AST

S.B from London ARCHERALD HADDON, S.B. from London

Local Navys.

SOPHIE ROWLANDS (Sopratio)
Mn 18 Mang ("La Baberno") ..., Puccai
"She Wao deesd Down the Maintain Side"

THE PERPECT FOOL S.B. from

Conto Bophie Rowlands D 40.

Songa, Selected Tem Kana surgh. 9.50.

Fonga, Selected 16 0.-NEWB and WEAT IFR FORECAST

S.B. from London F. E. LE BRETON MARTIN

from London Boyal Hortenitural Society Talk. S.B.

Local Nove SAVOY BANDS, S.R. from 11 50 Close down

#### ABERDEEN,

5 30 A.u.—Concert: Instrumental Bolo After noon—William Harkins (Bolo Clarinet), Burnet Farquhar (Bolo Flute), Robert McConnache and Clarles Piris (Troppbone McConnachue and Charles Pirio (Trombone and Cornet), Lens Blackman (Solo Pianolorte), Nancy Lee (Solo Violin), an William Bennott (Solo Violin), an Mr. Lachian Mackanon on Cetting Away From H. 3.

6.0 6.30. CHILDRY'S CORNER: Miss Creeth on "Bureance of Bard Life"

6.30. Wen her Forenast for Farmers.

7.1 N. AS and WFATHER FORECAST S.R. from Landon.

ARCHIBALD HADDON, S.B. from Landon.

Local News.

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"THE PERFECT FOOL" AB from

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Parker and Malcon

OF MEWS OF WEATHER FORECAST

& B. from London Mr. E. L.F. BRETON MARTIN

Royal Burticultural Society Talk. S.H. Luca News

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to 4c T 14 SAVOY B NDS 8 B. from
Londo

11 30. Close down.

Announcer 4 M Scarges

#### GLASGOW.

3.30 a 10 Classical Afternoon by the Wireless Quartette and Frank Bouham Bantone).

15:8 CHILDREN'S CORNER.

15:8 Westler B reast for Far-re, at 6:15 weekly Morse Code Lessells by

70 N.W. a. I. WEATHER FORELAST S.B. from Landon

ARCHIALD HADDON S.R. from Lual N we

7.30 8.4

A Programme of Song.

A Programme of Song.

ASTRA DESMOND (Contraits)

See the Samune's Outstretened Hands "
"St. Mutther Passion") Back (11)
"The Plague of Love Arne (1)

Spanish Leanes Arne (1)

Spanish Leanes Arne (1)

A Ol Month PERRY (Tenor)

A Ol Month M Broughton (8)

I Last a tor V a M Nephragole (8)

Street V as

N 1, 18 Y 40 Astra Deamond

The Asra Rubinstein
"My Heart is Dark "]
"Der Nussbaum Sapplissche Ode" Redbiss
THE TERFFCT FOOL SB from 8.30

John Perry

Me il Barteau L. Strickario Hourse Wee Thing Cld Scott (4) The I Lites Cy Asire Desmond

Apres in it so 100 NWS and WEATHER FORECAST South Service

S.B. from London. R. E. I.F. BRETON MARTIN. S.B. from Landon

10.35.—THE BAVOY BANDS. S.B. from

11 30.—Close thoun Announcer: Ranard B. Alexander

A number against a number them endicates the names of are published. A key list of published will be found an page 15.

#### La Douane.

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# WIRELESS PROGRAMME—THURSDAY (July 3rd.)

The telter: "S.B." printed in links to these programmes algority a Binautian-copy Broadcast from the claims men-tioned.

#### LONDON.

1 (+ 2 0. To see Separal from Big Ben. The Week's Concert of Gramophone Regards

4.9-5.0,---"214) Trio and Madeline Kenn (Contralto), "Indian Morang Enter tamments," by Margaret Store Turner "Angient Steined Chas in Landon," by P. Sydney Fren

P. Sydney Fren

1.0-0.45. CHILDEEN'S CORNER.

Hagio Ewan," adapted by Andrew Lang
(from "The Green Fairy Book"). Musi
nal Talk by Annte Hida and Unch
Hampey Du a free The Princel
Lie The Work the Dorly Musi
on; "Gapa at the Zoo."

6.45-5.55.- Boy Scouts' and Girl Guides' News 70. TIME SIGNAL FROM BIG BEN, IST VENTURE FORECAST, S.B. to all Stutions.

Talk by the Radio Seclety of Great Britain. N. B to all Stations.

JULIAN BI SSELTAGGS on "Glimpson of Africa." E.B in other Stations.

Lound News, 7 56.-8.0.-Interval.

#### Mendalasaha Night.

8.0. WINIFRED FISHER (Mexes Septemo). WINIFRED SMALL (Solo Viol. 10).

ERNIST WELLBELOVED (Entertainer). THE ALGMENTED WIRELESS OR HESTRA

Conducted by DAN GODFREY, Jun

Overture, " A Minsummer Night a Dress (a) Cansonetta for Strings; (b) Inter

mezza,

Behoran, " A Midementer Right's Dream '
Suprano, with Orchestra,
"Infolice."

Concerto for Yield and Orchestra in E Minor,

Minor,
The Orchestra.
Four Songs without Words
Sopragn, with Orchestes.

"On Wings of Song."

"Ye Sported Stakes" ("A Mideniumer
Night's Dream")
The Orchestra.
Pilgr ma' March and Santaralla from Italian

As ar other 3

Ernes Weldeloyed will entertain

10.02 TIME BIGNAL PROM GREENWICH BY FOUND AT NOT SEED AS TO A FEW SECOND SEED OF THE ASSESSMENT OF THE SECOND SEED OF THE SECOND SECOND SEED OF THE SECOND S all Statione.

Local News.

10.15. "MIDSUMMER MADNESS," Act III.

Blook by Clifford Bax. M are by C. Armstrong Gibbs, Relayed from the Lyrig Theatre, S B. to all Stations.

11.0. -- Close down.

Announcer: J. C. Brondbent.

#### Daywell Programme

2 50-4.36.—Station Planoforte Quintette, Con-ducted by Frank Cantell,

6.0-5.30.—WOMEN'S CORNER: George Hamby, FES, on "Superstitions of the Countryside."

5.30 5.35.-Agricultural Weather Forecast,

5.35 6.30.—CHILDREN'S CORNER

1 30 0.45. "Teems' Corner : Blavence M. Austin on "Romanos of the Elements."

C 45 8 35 Boy Scouts' and Ord G wise News, 70. -NEWS on I WEATHER FORECAST S B. from Lan

Radio Society Took. S.B. from London. JULIAN BUSSELTAGES. 8 8. Jan.

Local News,

#### Miscelinneous Programme,

735, JOHN B. NTINGTON (Buritors)
"Even Bravest Heart ("Fanat") Gonn a
Day Drestor" "" "" "" Marger"
"Absent" "" "" "" "" Metpaif (1)
A v Son a sect to Stray Next (c. 2002)

MARLORIE EDWARDS (Songs at Mrs Arris"

Mrs. Acris " At a section Rumanco " " Network (13) | 1 c ive An. " Sterudale Bennett (12) | F. P. D. PARODO. Trans. R. to

Impressions of Paracas Trees are a Property Phys., Nov. in and Skatenes

8 50, CE. RIG SHARPE (Sele Violancede) Ave Maria Commod (1 Humer resection) The ly Green

8.45. MASON AN.) ARMES (A Pann Act)
When You're Old \*\*\* 171
' Different Fork \*\*\* 17,
Introducing (a) Molles Manney. (b)
Noncount, (a) Same
0.0. Alice E COUCHMAN Solu Pinneforte).

"Grande Value de Contert," Op. 68 Maszbaodt (6)

To Morrow ' Kell Ton Junes ' 1 th room

har Beword the 3rd Honzon. How Do I Love That Codric Sharps.

"Chart do Mene and " .... Okaroteine"
"Harvarolle ("Taxes of Roftmann")
Offenback Elgar (11 hanson do Nast

Love in Aready Hugda Wood 946. Mason and Armes Duots at the Pigra)
Ob. I Wish I was Turzen " ... Nilbernan
Phat Remods Me Where I Left My Limore by " .... Every Little So is

100. NEWS and WEATHER FORECAST IS H. from London.

Local News to 18. "MIDSUMBER MADNESS," Act III 8 B from London

11 0. Close down

Annuances A. Pelliam.

#### BOURNEMOUTH.

3 45-5.16.—The "GBM" True i Regimed S Messas (Victors), Thomas Blagworth (Cestas), Arti or Massion (Plantst). Est d Shaw and Ronald Burriey in Music and Marrogue, Mistaful and Merry, Talka + W. Co. Suntines Schools of Drama," by A. o. Poter, M.A.

5.15-6.0.—CHILDREN'S CORNER.

6.0-6.10. Boy Scouts' and Girl Colles' News 6.45, Scholars' Half Hour : W Treath on Worosword

70.-NEWS and WEATHER FORECAST 8 B. Jeon Lundan

Rosho Society Talk 9 B. from London ELLEN THORNEY (ROFT FOWLER (Authorses) ( Talk, "Too Rot by Too Cold."

Local News.

7 35-8 30. Interval.

\* 30. THE BOURNI MOUTH DRAMATIC Presents the One Act Comery
W. 8211-21. WMF (V

Robert Crawshaw, M.P. WILLIAM R. KIENE

Margaret Crawshaw (His Wife) M t8. McCALL

Viola Crawchaw (Sie Daughter)

I Easty JOLIFFE
Richard Merton, N.P. A. S. MARKWEIL

Richard Merton, N.P. A. S. MARKWELL Denois Copton

WILFRED K. Capatrick
Serns A Room in Robert Consessions a
Town House (Migrateg).
THE WIRELESS OF CHESTILA.
Consideror, Caps. W. A. FRATHERSTONE,
will provide in grades during the

CHARLES M EVOV

Presents his time Act Piny
CENTI-IMPN OF THE ROAD
The A there is martin will read this Play and
portray ad the Characters.

190 NAME and WEATRER FOREAAST S.H. from London

Longal Nove.

10.15. "MIDSUMMER WA, N. 88." Ac. III. N R. from Land.

11.0. Place down

An once Joseph Bay youl.

#### A STATE OF THE STA

1.6 4 b. - The Stat on True, K the Edmonds

4.0 4.45. The Carlton Orchestra, relayed from the Cariton Restauran

5.0 5.45. "5W YS" "FAVE O'CLORINS 

5.45 0.80 A R LDREN S COUNE.

6.30 6.45. On use in Art of or iss in the Loves of Great Artista r 11 - The Lay of to The Annuary train (Resecting

6.45 0.35. Boy Scours' and Gal Gardet Deves. 70. NEWS and WEATHER FORECAST

N.B. from Lan.
Radio Society Talk. S.B. from Lond.
Dr. JAS. J. SIMPSON, M.A., D.So., on
the matrices of Nat. on Ho. Links Notes

7.35/83 Le coul

The Magic Carpet. XVII

8.0. The Magic Carpet will make a 21 ght to

Price Vance by Folkhick J. NEY, M.C., Prince of the Overseas Service to be seen to for the journey at 80 pt. Service Corpes will thush its Figit at 0.50 p.m.

A Singer, ROBERT PARKER (Beritone), and THE STATION ORCHESTRA, will accommon the party.

will accompany the party

Next Wednesday, West Africa Poot, Dr. Jas, J. Simpson, M.A., D.Sc.

9 30. "Liebeshed " Orchestra Are stop Selection of I halkovsky's Works

arr. Langey Robert Parker.

Se ya Selection

10.0.-NFWS and WEATHER FORD AST S.B. from London. · Local News.

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# WIRELESS PROGRAMME—THURSDAY (Continued from the facing page.)

The letters "LE." printed in Halles in these programmes anguly a Simplicaneous Brondont from the station most-

10.15. " MIDSUMMER MADNESS," Act UI & H. from London

110. Close down

Announcer: A. H. Goddard

#### MAKOWESTER

11 30 12 30. Concert by the " 22Y Quartefte 6 h of MAINLY FEMININE Mess Else Colorwood, B.Sc., on "Country

5 40 5.45. Formers Weather Forecast 5 45 6.0. -Cludies a Letters.

6.0-6.30 CHILDREN'S CORNER

0.30 0.40 Boy Secrets and Gril Gauses News News 4nd WEATHER FORECAST S.b. feets London Let a News 1.15

7.35-8.0 Interva-

#### Light Music by the "2ZY" Orchestra.

Orenostra 

Water "Cha a character Rote Search and Frank Problem & Barrat Problem & Grand South Rote Hoselands.
Stophic Hoselands.
She Wan bred Down, the Money and Safe B ormore

Ctay (1) Qualter (1)

L is Ph. isophy on Knowburgh." By one the Cotton.
The Late Player."
A vs. Asoc. 1/2 11

\* Christma a Lamet I Bit 3 - Usa a rai History

F name to

NEWS and WEATHER FORES AND S.B. from I won
10.45. "MIDSI MMFR MADNESS, Act II.
S II John London.

11 th. «Close down.

Ant meer Victor Smythe.

#### NEWCASTLE.

3.45—4.45.—Concert Leonie Storm (Solo Piann-forto), Mass Markensie (Soprano), Muria Kobina (Solo Violonealla).

4 40 5 15 WOM NS HALF HOUR : More Non-Recognice of Camp

5.15-6.0. OHILDREN'S CORNER.

6.0-8.30,—Scholatzi Hali Hour: Mr. J. J. Todd, B.Sc.—Talk

5.50-6.40.—Boy Scauts' and Girl Guides' News. 6 45-6.50. Farmers' Comer.

7 - NEWS AND WEATHER FORECAST

S.B. from London.
Radio Society Talk. S.B. from London
JULIAN BUSSELTAGGS. S.B. from

Local News

7.35. "Interval.

#### Operatic Night.

THE STATION ORCHESTRA
Conductor, WILLIAM A CROSSE.
Overture, Pique Dame . . . Supple

ASTRA DESMOND (Contralto) Star Vic to Ross -161
to Ques o Toths , Beethourt (I ASTRA DESMOND and JORN PERS)
Dust, "Home to Our Mountain S ( ) Ross -1015 Beethoven (1,

JOHN PERRY (Tenor).
"Trial Song." ( Mastersingers.")
"Navistion." ("Lohengrin.") Wagner CAPI LOSS THE

Selection, " Moreigue Bengraire ' Messager Astra Domond.

Sextette from Loris

DORIS LEAR (Sele Vielancetta) 0.30. Souste . ICO NEWS and WEATHER FORECAST

8 B from London.
Loca News.
In 15. "MIDSUMMER MADNESS," Act III
8 B. from Landon

It 6 Close down

Azanumear W M. Shewen.

#### AIAE DID ENDY.

2.30 5.0. Concret Popular Attanton The W. mess Quartette, E. S. Kirkpatries Mozza-Sopreno), Mrs. F. Gethes on I at South Communication Feature 7 ---

6.0 0 30. CHILDRENS CORNER Stories and Posons from the Keldins 6.30.-8.35. Weather Forcess; for Farmers

6.40-70. Dr. Crombies on Mixed Doubles No. 6 of Teorie Sories

7 NEWS and WEATHER FORECAST N.B. from London Bridio Soco by Talk. S.B from London JULIAN BUSSELTAGOS. S.B. from

London near News

, "A & > 1 over! S.o. Bays' Brigato News Ballein, A. S. Velerious Quarterioristic of the Estimbon —Short Tak

#### KEY LIST OF MUSIC PUBLISHERS.

REY LIST OF MUSIC PUBLISHERS.

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Williams, Joseph, Lita
Carronal Music to
The Anglo French Music Company, Ltd.
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#### Operatic Night.

8 30. THE WIRELESS ORCHESTRA 5eles 101 Some net Figh 5

RITA LAINO, escuence, Recombons or Aida Leets One Fins Day ("Madame Butterfly")

8.50: Orchesten
Selection, "Pagingel" ......Looncurelto
9.0. GRAND OPERA IN MINIATURE
"THE DAUGHTER OF THE
REGIMENT

(Dominatti) (1) S.B. to Classow and Edinburgh

The Countess of Berkenfeld MAUD PENNINGTON

Maria (Vivondière)
CONSTANCE ROUTAR

CONSTANCE BOUTAR
Tomo (A Young Tyrolese Peasant)
JAMES BHARFE
Sulpzin (Sergeant). HECTOR MONRO
Orieusio (Steward of the Countess)
W F GALDINER.

"2HD" OPERATIC CHOIR
THE WIRELESS OR HESTRA
Leader of Orchestra, NANCY L. F
Conductor, ARTHUR COLLINGWOOD.
The full story of the Opera will be fold, and
he the story unfolds the principal Airs and
Choruson will be remores:

NEWS and WEATHER FORECAST

100 NEWS and WEATHER FORECAST S. R. from London Local News

10.15. "MIDSUMMER MALNESS," Act III S.B. from London

11 0.-Close down

Announcer: H. J. Mckee.

#### GLASGOW.

3.30 4.30. Request Afternoon: The Wireless Quartette and George Henry Martin (Tenor)

. TOPICS FOR WOMEN: Jeans Machier on Obesity
54: 63 CHILL R.A.S. CORNER

6.9 6.5. Weather Forecast for Farmers.

7.0 NEWS and WEATHER FORECAST
S B. from London
Radio Society Talk. S B. from London.

JULIAN BUSSELTAGOS. B.H. from London.

Local News.

7 35-8.0. Interva.

#### Request Highi.

THE STATION ORCHESTRA Conducted by ISAAL LOSOWSKA Overtiere Tarabhaser , Burner Suite, "Petite Suite Moderne Rosse

8 25. NESSIE R. JEFFREY (Mezzo-

Soprano).

'The Little Derrored" ..... Iver Norelle (4)

'One Murning Very Early ".... Sonderson (1)

'I Lu'e Na a Laddie But Ano", MecNed

8.35. ARTHUR MELROSS (Entertainer)
"Sack Tar"
"Fucker Up and Whistle"

S.B. from London, Local News.

10.15.- "MIDSUMMER MADNESS," Act III. S.B. from Landon.

11.0.—Special Announcements. Close down. Announcer: Richard B. Alexander

A number against a quesical stem undicates the same of its publisher. A key list of publishers will be found on this page.

### WIRELESS PROGRAMME—FRIDAY (July 41h)

The letters "A.R." priving in station in these programmes algority a dissultaneous Broadwarf from the station mea-

#### LONDON,

- 10 2.6,-Time Signal from Big Bon. Concert The " 2LO " True and Mariel Franka Smith (Seprento).
- 2 15- 3.45,—Special Broadcast to Schools 2 Dr. Sig HENRY WALFORD DAVIES on 13 Making of Tunes, 3 with 190 m
- O a Sapana from Casana , Casana Oar National Francis of O. k. v. Mrs. (). Clarke National Francis of O. k. v. Mrs. (). Clarke National Francis of O. k. v. Mrs. (). Clarke National Francis of O. k. v. Mrs. Hugh Special Land Cardens, by Mrs. Hugh Special Corpan Massic relayed from Shupher & Hugh Pavalion. 4.0 0
- 6.0-6.45. (HILDRENS CORNERS C.J.
  don's Songs by Doris Lucas (MexzoSoprano). "Treesure Island," Chap. 20,
  Part 2, by Robert Louis Stevenson. A
  Tr., Rem the World—"Cape Town
- T WE SENAL FROM BIG BEN. IST LENGTH NEWS BULLETIN OF WEATHER FOREA AST, S.B. to all
  - G. A. ATKINSON (the B.B.C. Film Critic) :
    "Seen on the Second." S B to all States." Local News.
- 7 30-84 Introduct
- ERNEST SEWELL and JACK 8.0. PICKARDS
  - "THE MOONSTONES" CONCERT PARTY
    - et a 8 ower of Melodique Sparks
- Instrumental Programme. EDITH PENVILLE (Solo For e). ADELINA LEON (Solo Violoneello DOROTHY ROWELL (Solo Finneforte).
  - Pluta So. F Bu timer Pen v
  - Beccess " J. Andersea
    " Interregaso " A. Duormoy
    Pianofoste Sole

  - , Backin De Jong 'to my Dance ' By Request 6 west
  - "Dance in D" Purcell-Cruzion (17)
    "Baded in G Monor" . Realing
  - "Bailed in (4 Moror", Realist
    Violencello Sofi
    "Silver Threads Among the (Iold"
    arr. W. H. Squire (I)
    "Hungarian Rhapsody"
    "", Pepper
- 10.0.—TIME SE NAL FROM GREENWICH, 2ND GENERAL NEWS RELIETIN 4-4 WEATHER FORECAST. S.B. 60
  - Topical Taik. Local News.
- "The Mounatones" Strike More Sparks. 10 30.
- 11 0 .- Close down.

Announcer: J. S. Dodgson.

#### BIRMINGHAM.

- 2 30- 4.30. -Lozalle Pieture Rouse Orchestra : Conducted by Paul Burnner.
- 10. WOMEN'S CORNER: Ornham Square Folk to Thomas Chaps to Last to Washington Art n

- 5.30 5.35. Agricultural Weather Forenst
- 5.35-6.30. CHILDREN'S CORNER
- 0.30 ft.48. "Tenna" Curner: Frank Cantel, (Solo Violin); A Few Melodles from Mozart,
- 70 NEWS and WEATHER FORECAST 8.B. from Landon
  - C. A. ATKINSON. S B. from London Local News.
- 7 30-8 0. Interval.

#### A Night of Song.

- THE "SIT" OFTHE
  - Part Socies. " To Spring ' ..... Powell (15)
  - O. A. a lay for the a Red, Red Rose !! Buntock (2 ' Hymn of the Homeand "
  - Spring Song
    "Home is Home Rewever Lowly darrett (11) 'The Little Drummer ' ..... Kappey 1)
- SOPHIE ROWLANDS (Soprate Mimi's Song (" La Bebittle " ) ... Partie Songs My Mother Taught Me " .. Drom.
- HARRY (19/8P (Entertainer) am.
  - NORMAN CRISP (at the Piano)

    "Broom and Ca." ... , Norman (13)

    Sophy's Sweethearts " ... Osborne (13)

    "Old Neckties of Minn" ... ... Criegi
- The "SIT" Octette
  A Selection of Sea Shunter ... ar. Terry
  Several Popular Bullids with Chorases.
- TOM KINNIBURGH Basel. The Last Cad Sauderson ()
- 100. -NEWS and WEATHER FORECAST
- J. A. HENJAMIN B Se., on "The Proction of Large Broken." Local News.
- Sophie Rowlands. Sultaren (1) Quilter (1 My Dearest Heart Fair House of Joy Down in the Forest
- Ton Kinn burgh
  The Sang of Hybras the Cretan " En off Va & " ..... Old German Air (1)
- 11 0.- Class down.

Announcer: A. Pelliam.

#### I SUITA III

- 2.30.—The Rev. RICHARD GROSVENOR BARTELOT, M.A., of Dorchester, on Western
- 4.0-3.15.—THE BOYAL BATH HOTEL DANCE GROHESTRA, relayed from King's Hall Rooms, Talks to Women Jun Making' by Annie Grey,
- A15 845 CHILDREN S CORNER.
- 6 15 to 45 "Scholars' Half Hour; E. J. Roberts on "Aquatic Sparts,"
- NEWS and WEATHER FORECAST B. from London.
  G. A. ATE, NSON S. B. from London,
  Local News.
- 2.30 8.30 to evid

#### A Right on the Sea.

- 9.30. THE WIRELESS ORCHESTRA.
  - Conductor, Capt. W. A. FEATHERSTONE, Overture, "Plymouth Hoo" ..... Anadi
- 940. ROBERT RADFORD (Bardone). Sea F cer India India India India of The Golden Vanity of are Lucy Broadwood of Pour Jolly Sadorners. Ed. German
  - Orchestra.
  - Selection of Dib en's Nantical S ngs

- CONSTANTE WILL S Company Sea Shamber Song " | " Sea Pictures" | E war 1
- Wishex CLEE SINGERS

  be 'Good Mormag, Lades all', d,

  The Wild Goose Shanty'; (e) 'Res

  ben Ramo''; (d) 'Sally Brown
- (e) " Wo d Haul the Bowln. Suite from "The Samoan Isles" (Red) (1)
- S. bhath Merning at Sea

  'When Coras Liu
  The Sw turner"

  | Fig. 1)
- NEWS and WEATHER FOREX AST. Y B. from London, Copical Tack. Local News.
- O Robert Ray ford Figure (1, "Messmatee" Lobs
- 10.40. Orchestra For tasis, " A Life on the Ocean Wave "
- Wester Clee Suggest.
  Sailor Shanties "...... R. R. Trong (2)
  (a) The Dead Horse ".; (b) " Blow Out
  Bully Boys"; (c) " Let the Bullgue
  Io.
- II 0. These bow a

Annauncer: John H. Raymon J.

#### 

- 3.0-1.30. Prof. CYRIL BRETT, M.Y. o. University of Wales, on "Shakespears on Special Broadcast to Schools."
- 3.30-4.15. Falsiman and his Orchestra relayed from the Capitol Cinema
- 5.0-5.45 "SWA'S" "FIVE OCLOCKS Codrie Sharpe (Solo Violencello
- 545 830 CHILDREN 8 CORNER
- 6 30 6 45.- Nature in Art (Studies in the Livie of Great Artists): III "Words" in "The Light of the World" (Hob. a
- 70 .- NEWS and WEATHER FOREGAST 8 B from London
  C | VIK NEW S B. from Landon
  - Local News. Independence Day Programms.
- 7 30.— THE AMPRICAN CONSULE E. C. SOULE, Esq., at Cardiff, will give a short Tulk and will introduce The Ray. E. E.
  - FOSDICK, D.D., LL.D., New York, who will speak on "The Eigenfeance of Independence Day"

    A Play by John Demkwater

    Produced and Directed by

    R. R. APPLETON
  - Performed by THE STATION RESERVORY
  - Susan Dedding ..., OTH LESTER JONES 1 12 Mrs. Le de HAH FE GUNN Chr : co HAH FE GUNN Alexan la de FRANK ROYD Supported by the CWLN PLAY bles
  - Scene L : The Parlour of Abraham Lincoln's house at Springfield, Illinoss, early
  - Mr Stone, a Farmer, and Mr. Cuffney, a Storekooper, both men of between 50 and 60, are sitting before an early spring fire. It is duck, but the curtains are not drawn. The men ere smoking

A number against a measure item embestes the name of its publisher. A key list of publishers will be found on page 15.

# IRELESS PROGRAMME—FRIDAY (Continued from the facing page.)

he lettern B.B., printed to Halica in these programmes rightly a Minuffaceous Breadstad from the slation mea-librad.

Scene H. A year later, Seward a room at Weshington Wilham Seward, Secretary of State, is created at his table with Johnson Write and Caneb Jennings, representing the Commissioners of the Confederate States.

Sems III: Nearly two years later A small Reception Room at the White House

House
Mrs. Lincoln, dressed in a fashion perhaps
a little too considered, despening as she
now does of any sartorial grace in her
husband, and acutaly conscious that she
must mret this necessity of office alone,
a writing. She rings the bell, and
Susan, who has taken her promotion more
chalconducade, comes in.

Susan, who has taken her promotion more philosophically, comes in.

Scene 1V: About the same date. A Meeting of the Cabinet at Washington.

Smith has gone and Cameron has been reprized by Edwin Stunton, Scoretary of War. Otherwise the Ministry, comple of by Seward, Chase, Hook, Blair, and Welles, is as before. They are now as ranging themselves at the take, leaving Lincoln's place county. Lincoln's pince empty.

Scene V : An April evening in 1865. A
Farmhouse near Appendix
General Grant, Commander in Chief, under
Laucoln, of the Northern Armies, is
scatted at a table with Captain Melins, on
and at intervals he repectables his given
of which v. Decinis and Orderly edge at at whisky. Deanis, at Orderly, site at a table in the corner, writing Beens VI.: The evening of April 14th, 1865. The small founge of a Theatre On the far side are the doors of three private.

to the lar side are the doors of three private bases. There is silence for a few manners. Then the sound of applicate runs from the auditorium bevone. The box doors are opened. In the centre box can be seen Lincoln and Stanton, Mrs. Lincoln, another lady, and an officer, taking together.

The occupants come out from the other boxes upon the outer the security the sources.

boxes into the sourge, where anni. knots of people have guthered from different directions, and stand or sit taking

THE STATION ORCHESTICA 100 NEWS and WEATHER FORELAST

S.B. from London Lt. Col. R. H. COLLIER, D.S.O. , Motoring H-mts.

Local News 10.20.—Close down

Annuncee: C. H King.

#### MANCHESTER.

2 30 3.0.-MAINLY FEMININE.

3.30-4.30.-Concert by the "2ZY 'Quartette,

5.40 5.45 .- Farmers' Weather Forenast.

5.45-0.0.—Cintdran a Letters.

6.0-4.20. - CHILDREN'S CORNER

7.0.—NEWS and WEATHER FOREGAST, S.B. from London. G. A. ATKINSON. S.B. from London. Local News.

7.30- 7 45,-Interval.

Vocal Concert.

7 45 -JAMES BERNARD, extracts from The Pickwick Papers" (Mr. Pickwicz s intentions are nustradorstood).

JOHN PERRY (Tenor)

"An Old Melody " ......... M Broughton
"I Listen for You" .... M Niphingulath)

ASTRA DESMOND (Contrasto)
Card Song " (" Carmen ") Buct
"Artono—Death of Joan of Aro " Bemberg
Card Sent · A GREEF IN Y

8.30. -James Bernard : " Mr Pickwick reverves control of write

8.50. JOHN HUNTINGTON (Baritone.)
"At Calumbine's Grave". Martin Show
"Far Beyond the Red Horizon"

Doyle Crossley

"Lulinby " Cyril Scott (4, " Morning Song " Quilter " O M., Is may it

lames Bernard . The Trul, " Bardell w

John Petry

Ma Lil Batteau Strickland " Bayon Song '
" Ships of Yule ' Martin Shaw A.O.O.—NEWS and WEATHER FORECAST S.B. from London Topical Tolk

Local News.

John Hantosgton The Dew Upon the Lily Wr men Oh Wannen Lych Parit pa ... German

13 40. Class down.

Announcer: Victor Emythe.

#### NEWCASTLE.

3.45-4.4 Commer by Reson Was a Trick 4.45-5.15 ROMEN'S HALL BOLK,

5 15-6 0.—CHILDREN'S CORNER

6.0-6.30. Scholars' Hatt Haur,

6 35-6 55. Farmers' Comer

70. NEWS and WEATHFR FORE(AST S.B. from London

G. A ATKINSON & B from London.

Loca Niews. \*\*Rathleen Maldoon " ... Seiden (7)

"The Whesting Major " ... Allertore " ... Kachura (8)

"The Whesting Coop " ... Rachura (7)

7.50-8.1 Immedial.

Tyening. THE PEOPLE'S THEATRE COMPANY

" PYGMALION AND GALATEA" (W. S. Gobert

8 45. OLIVE TOMLINSON Solo Pianofortel D. .— "PYGMALIUN AND GALATEA"

Act II 9 30 .- ELSIE and TOM GOLIGHTLY Vocal Dusat a.

1) 0 NEWS and WEATHER FORECIST S.B. from London. Topical Talk

Loca News.

1180 AND CALATEA"

11.0. Close down

Anno meer W M Shewen

#### VERHOZEE:

3.30 S.O. Concert by the Wireless Quartette and Amer Herton Corner y Take

54 630 CHIDREN'S CORNER

6 or 6 no. Went for Forceast for Parmers

7 | NEWS and WEATHER 14 XES AST S B. from London G. A ATKINSON S B. from London Local News.

7 30-8.0.--Interval

8.0. W DOI GLAS SIMPSON M.A., F.S.A. (Scot.), on "Ristory at Our Depositers" (No. 8 of Series).

Scottish IIIII

8.30-10.0. "MOWHACKLE AND MAIN'S FAMILY.

10.30-1) 15. VISIT A TRAVELLING FAIR."
Arranged by DI FTON SCOTT,
the well-known Abordeenshire Author,

assisted by A. M. BHINNIE

During the evening
The WIRELESS OSCHESTRA will play. 10.0. NEWS and WEATHER FORECAST, b B. from London.
Topical Talk.

Locus News.

11.15.—Close down.

Announcer A. M. Sharme-

#### DE A WILLIAM

3-20-4-30. Popular Afternoon The Wireless Quartette and Damel Campbell (Barilone)

4.45-5.15.-TOPICS FOR WOMEN

5 15-6.0.—CHILDREN'S CORNER.

6.0-6.5.- Weather Forecast for Farmers

7.0.—NEWS and WEATHER FORECAST S.B. from London.
G. A. ATKINSON S.B. from London. Local News.

7 30-8.0. Interval.

Independence Day.

THE STATION ORCHESTRA Conducted by ISAAC LOSOWSKY Overture, "John and Sum" ...... An ..... Ansell

8.10. KATHLEFN & ARSCADDEN (Soprane). Nogro Sp. ret mis.
" Oh. Lord, Didn't It Ram?

Burterph Swag Low Sweet Charlot "

D. Carlot E Lett SON (Sole Banjo).
Naportour
"A Dark va Ros a new E Constitute
Les text Arst. by Burstone
"The American Englan" A Frencher
"Hail, Communication" J. Try in

Orchestes. Saste, "Americana" Thurling

8 50. Kat sleen Garsendoen.

"The State"

"The State" . J Regers
Negro Sparttal, "By and By Ban as 9.0. -A. R. E. MACINNES on " How to Make

a Holiday Pay.

5.35. Orchestra. March, "Washington Post" Source

George Hewsun. E. He se. "The White Count"

10.0.—NEWS and WEATHER FORC. AST S B. from London, Topical Talk

Loca News In athleen Garsendden. Negro Spirituals.

Burleigh

Orchestra

For Trot, "Passions" (9), Waltz, "Riviere Rose" (9), For Trot, "Twelve o'Clock at Night" (9), One Stap, "Who Throw the Water on the Tomest's Back t"; Walls, "Nallie Kerly I Love You" (6), For Trot, "Farisian Pierrot"; For Trot, "Maybe She'll Writh Me" (6).

11.0. -Special Announcements.

.1,5.-Dance Music relayed from Cleneagles. Hotel

12 0. -Close down.

Announcer Richard B Alexa vier

A member against a manioni view indicates the name of its publisher. A key list of publishers will be found an page 15.

# WIRELESS PROGRAMME—SATURDAY (July 5th.)

The letters "B.S." printed in Station in these programmed signify a dissultaneous Broadcast from the station sour-

4.0-6.0,—Time Signal from Green h.
A CHEFRY PRI GRAMME.
THE WIRELESS ORCHEST. A.
Conducted by DAN (DELEY Just VIO. FF (LARKE (Sale V con).
NICHOLAS SPERANSKY Exertone)
The Pyschology of Pear," by a Medical Psychologist. "The Delights of Ruley," LICONIDION.

HILLIENS CORNER Cladren's Annua Sophie at the Pieno.
Annua Noca's Story, "The Flower Larest Circus." K ckinam Hamilton on
M nd og Oue's Own Business," Children's News.

TIME SIGNAL FROM DIG BEN. 1ST GENERAL NEWS BULLETIN AND WEATHER FORECAST. & B. to old

Mr. F. L. PAGETT: "Off the Tourist's Track in Roll, Local Nows.

7 30-2 0 - In erval.

Popular Programme.

JOHN VAN ZAL Bass).

LOUIS HERTEL Entertainer).

THE WIGELESS ORCHESTRA.

Conducted by DAN Gell Rey Love
March, "A Frangesa" and Walte, "Joly Committee "Indirected Selection, "A Musical Jig Saw" Auton
Hass Songe.

Louis Hertel will entertoin. The Orchestra. Suite, " Bustia Revels"

Louis Hertel entertaining again.
The Orchestra.

Overture, Orphous a con Under are 'd'

9.50. HALF AN HOUR OF WEMDLEY AB

THE ST NAT. FROM TREENAL H. IND. CENE AL. NEWS COLLECTING MISS. WEATHER FOLECAST. S.B. Co. all Statement Property and Statement Property

Capt RICHARD TWELVETREES on Service of a Succession Motor Ha on, SB to all Statems

10:30 THE SAVOY OFPHEANS AND SALMA FOUR, relayed from the Savoy Hotel, London, SB to all Statems.

12.0 Close down.

Announces: J. G. Recordon?

Announce : J. G. Broadbeat,

BIRMINGHAM.

3.30-4.30 .- Children's Concert: By the Chil-

5.0-5.30,-WOMEN'S CORNER. Janes Joyc

(Rec la')
5 30 5 35.—Agricultural Weather Forecast.
5 35 6 30. ("HILDREN'S CORNER; Average Phil and a further Shooky Adventure.
6 30 6 45. "Teems' Corner

6 30 6.45. 'Teens' Corner
70. NEWS and WEATHER FORECAST

"H. from Landon.

Mr. R. V. RYDER, Secretary Warwick
County Cracket Club, on "The Early
Days of Warw the state Cracket.'

Local News. 7 30-8.0.— Internal.

A Night of Old Favourites.

THE STATION OR PESSIONS.

THE STATION OR HESTRA.

Overture, "Without Tell" Rose in
(baracteristic Piece, "In a Manastery Cornes" Retelbey (8)

JOHN COLLINSON (Tenor).

"Come Into The Oursien, Manda" Bulla (1)
P Nirsana" Research Adema (1)

A Marical Switch .... warmanne Alford " Pa ted " , and bya } ...... Toeti the the nati Suite, 'Badet Er prog La gras Jose Collinson.' Somewhere A Voice is Colling' Tate Bl I Hear You Calling Me" ... Matshall (1)

Overture, "Post and Peasant" ... Supple 9 30.—HALF AN HOUR OF WEMBLEY, WEMBLEY. 9 B from London.

10.0.-NEWS and WEATHER FORECAST S B from London. Capt. RICHARD TWELVETREES. S.B.

from London, Local News

10.30. THE SAVOY BANDS. S.B. from London.

12 Q.—Close down

Announcer: A. Pelham,

EQUIND MOUTH:

J 45-5 15,—The "6BM" Trio: Reginald S.
Mouat (Violinist), Thomas Illingworth
Cellist, Arthur Marston (Pianist),
Jerry O'Connor (Bartlone). Tasks to
Women, Miss Doulton Edwards on
"Careers for Women
5.15-6.15. CHILDREN S CCRNER
6.15-6.45.—Scholam' Half Hour: W F Perry
on "Ships and Weather Forecast

on the party Men.

NEWS and WEATHER FORECAST

N. R. from London

Memorable Day—Was †

Ref. 1900

1901—Which commet red
the 20th Century?—A

Pazzler. Pazzler , Lo IN wa.

\* THE LILY OF EILLARNEY."

\*\* Six Jut us Benedict) (1).

\*\*Acts I and 2.

Edy O'Comor (The Colleen Bawn)
SOI HIE ROWLANDS Soprano)
W & Congon & GLADYS PAIMER
of taleo)

M A did to The Heiress)
MARY JEFFERIES (Soprano)

#### IMPORTANT TO READERS.

LETTERS FOR THE EDITOR should be oddressed to "The Radio Times," Southampton Street, Strand, W G 2

LETTERS FOR THE B.B.C., containing programme suggestions or criticisms should be sent to the Organiser of Programmes, 2, Savoy HR, WC2

"The Radio Times," the official organ of the British Broadcasting Company, Ltd., is concerned colely with broadcasting programmes and the technical problems relating to their

#### "RADIO TIMES" READING CASE.

Messra. George Newbes, Ltd., have now pre-pared a handsome case in red cloth with pike lettering for "The Radio Timm," complete with cord down the back to hold a copy of this publication. A pencil is indepentable to the listener during the course of the programme, and this is included conveniently in a dot at the side. Listeners should order this to-day from any Newagent. It is published at 2s. 6d., or send 4d, extra to cover postage for a case from the Publisher, 5-11, Southampton Street, Strand, London, W.C.Z.

Hardens Cregny . IOHN I ERRY (Tenor)
M. S Na Coppaleen FRALD KAYN.
Mr. Corrigan ... TOM KINNING BUIL
Father Tom Towns) HAROLD STROLD Father Tem

Danny Mann
HERBERT HEYNER (F.,
THE WIRELESS OR HESTRA
THE "6BM" CHORUS. Capt. W. A. FEATHERSTONE.

9.50,-HALF AN HOUR OF WEMBLEY S.B. from Loudon.

10 0.- NEWS and WEATHER FORF AST 9 B from Landon. Capt RICHARD TWELVETREES SB

from London. Local Nava.

10.30.-THE SAVOY BANDS. S.B. from London.

12 0 .-- Close down Announcer: John H. Raymund.

#### CARDIFF.

3 0-4 0. Falkman and his Orchestra, rela 1 rom the Capitol Cinema

5.0 5 48 -- " 5WA'S " " FIVE O'CLOCKS Vocal and Instrumental Artists, includ-ing Martis Wi hams , Mexic Soprano). Talka in Women. Weather Foreign

5.45-6-30.--CHILDREN'B CORNEL

6 30-6.45 .-- " Hots on Cricket " (I 7.0.-NEWS and WEATHER FORECAST

\* H. from Landon. Walde C. CLISSITT on Sport of the Week."

Lord News.

7.30 A.O. Thina

#### Popular Night.

Vocalat-ASTRA DESMOND Mezro So

S flear Humor-st and Entertainer-ARTHI R MELROSE THE STATION OR HESTRA

O estra.

When the Swallows " A Memory " Let Us Forgot " The What a Va

9.0. It she Songs arranged and collected by Herbert Rughes (1).

'Ver that braces of Serven.

'The Lover's Curse. A Ballyuene Ballad.

9 10. Whistling Manac." Whistling Jack Tar."

9 20

Canton to Orchestra.

March, "Blaze Away H. ma 6)
9.30.—HALF AN HOUR OF WEMILES
S.B. from London.
10 0.—NWS and WESTHER FORE AST

B. from London
Capt RICHARD TWELVETREES. & B. from London.
Local News.
10.30.—THE SAVOY BANDS. S.B. from

12.0.- Close down.

Appenneer: C. H. King.

A sumpler against a maniful item indicates the name of its publisher. A key list of publishers will be found an page 15.

# WIRELESS PROGRAMME—SATURDAY (Continued from the facing page.)

The felfers "R.M." printed a radius to these programmes algority a femultaneous Brandoust troop the station mentioned.

#### MANCHESTER.

- 3.30-4 30 come at . E Wanner Sopra of Luria Annua (tum rib. og. if t. Hentor-(Base-Baritone) Dink Leta (Entertainer), Ernest Auty (Tenor)
- 10 No. 5 and What Hed F RECAST 8 B from Bondon.
  - Mr. T A. COWARD, M.Sc., os " A Whaling Station."

Local News.

#### Dance Hight.

- THE GARNER SCH MIELD DANCE BAND.
- 7 % Was The Voice in My Heart " (6);
  F. . . I Love Kids" (10) Fox test
  They've Both Got Big Noses" (23),
  Was "Heather Bells"; Fox-test, "I
  - KLINI N S EPHERL Barton or long a group I or I have Beens
- 8 HARRY MO TAMER II LEAVENAN Locusium
- The bar has been as a fine mean a fine share at the mean at the fine mean
- Pat Ryan (Solo Clarinet).
  Rainnee ''
  Value | Pate |
- Practical Performance From Conference From Conference From Conference From Conference From State Fr
- 9.30.- HALF AN HOUR OF WEMPLEY B from London.
- 10.0.—NEWS and WEATHER FORECAST.
  S B from Lundon.
  - Capt. RIGHARD TWELVETRIES. SB FORE EXPRESS.

- 10:50 . HF SAVOY BANDS. & R. from London.
- 12 C. Chier diwett

Annequeer : Victor Smythe.

#### NEWCASTLE.

- 3.45.4.45.-Concert by the Statum Light Orchas-F.B.
- 4.455.15.—WOMEN S HALF HOUR Miss A. H. hass on Newcas in Seventy Years Ago
- 5 15 6 0 4 HILDREN S CORNER Mr John Wys con Mas
- 606.30 Seconds Bull Hole Mrs W M Richam on the Caladian Indian
- 6 35-6.50. Farmers' Corner : Mr. R. W Whel-don on Ar Jonal Marianes Port. 9.
- 70 NEWS and WEATHER FORECAST S B from I out of Mr R E. RR HARDSON on Garden

Local News.

7 30 8.0.—Interval.

THE STATION ORCHESTRA.

(a) the Will IAM A CR. SSE
Selection, "Failed Faures" ....... German

HILDA VINCENT Secretor

- "Cherry Ripe or La Lehmann
  "Nymphs and Shepherds", Purcell
  "The Lass With the Detecte Air" Area
- J IN BUNTINGTON (Bachour) 2" West Country Lad " (" Tom Jones ")
- " Day Dreams " ..... Sowyer
- Orchestra.

  Excerpts from 'The Catch of the Season' Haynes and Baker
- Marching Alung " .... White "Ta-Morrow" ..... Keel
- F x red Be r Y a Go Watt,
  A ea v Thom r 19 Oa ' P
  Ka ka 6 F x rot W1 Ba 5
  a Y a g Watt I a resort
  t res Om step The Der 2 8

  9.50 HALF AN H I b OF WEMBLEY
- 8.B from London.
- 10.0. NEWS and WEATHER FORECAST S.B. from London.
  - Capt. BloHARD TWELVETREES. S.B. from London.

Local News.

- 10 30 THE SAVOY BANDS SB from

12.0 % dow. Automore: W M Shewen.

#### ABERDEEN.

- W L. Rue Tourn. Feminine Topics.
- 5.30-6.30. CHILDRENS CORNER. A Real Musical Toy Town, written and arranged by Auntia Nancy, assisted by the Uncles and Aunties, S.B. to Guagote entit
- 6.30-6.35.-Weather Forecast for Formers.
- 70. NEWS and WEA HER EGARCAST S.B. from London,
  - WILLIAM G LARKSON on A Ha-Movement,

Local News

- 7.30-8.0.-Interval.
- The Works In ores of A necessary Prepared by JOHN SPARKE KIRKLAND. Cec. J. h. ones born 5th July 1853.

- Popular Night.

  ( HRIS LA (LA) September

  RANGE FOR THE BRITISH LET I N

  (Baran asser B ( ARTER)

  Band

  Band

  Fox-treet, "Oh! That Mistletoe Rough"

  Strong (1)

  Fredi
- Chara Barelay 8.50. A Fact Town Fayy 11 Famonds 59 Mencach
  - To O'a Woman 'A Pan i Song ... Thornley (5) . Hodgeon (5) " E.in Love "

- A Sou or Sh tel, Way Dono Cur-lina " The Committee Lestronge (1) Seece and the Arm
- 9 30. HATE AN H R OF WEMBLEY S.B. from Landon
- 10.0.+ NEWS and WEATHER FORECAST S.L. one I and a
  - Capt. RICHARD TWELVETREES. S.B. from London. Local News.
- 10.30. THE SAVOY BANDS, S.B. from
- 12.0 -- Close dor n. Atmounter: H. J. McKee.

#### GLASGOW.

- 3.30-4.30.—Popular Afternoon by the Wireless Quartette and Isobel McGuckin (Suprano)
- 4.30 S.O. TOPICS FOR WOMEN: Muscel
- SOGO CHILDRENS CORNER A Rea M car Ly lown. SB from the
- 6.065 War are Forecast for Farmers
- 0 NeWS a 1 WEATHER FORECAST S.B. from London

Clasgow Radio Society Tolk. Local News

7.30-8.0.- Interval.

Dunct, Humour, Song

- 8.45,-R. F. MORRISON (Entertainer) will tell you some Hamorous Stories and sing live Song Mas Man Way and A Hama " My Lily of Lochgoil "

Combine on.

- Fox Trut, "Last Night On The Back Porch" Blue, "The shark" (5) Fox trut, "Felex Kept on Walking" (9) Walts, "A Kiss in the Back"; Fux Trut, "Gepolette" (6)
- HELEN W NESETT (Contract) " The Lavender Boom "
  - "The Still Room" .....
- 9.30 HALLANDOUR OF WEMBLEY E. H. from Landon.
- 10.0. NEWS and WEATHER FORECAST S.B. from Longian
  - Capt BICHARD TWELVETREES. S B. from Lundon

Local News.

- 10 30 -THE SAVOY DANDS. S.B. from
- 12.0 Cluse down

Autopacer R and B. Alexander

A reamber against a musical item indicates the serms of its publisher. A key list of publishers will be found on page 15.

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# Pieces in the Programmes.

#### A Weekly Feature Conducted by Percy A. Scholes.

HOLST'S "PERFECT FOOL."

(To be breadens by the British National Opera Company, from His Majesty's Theatre, and relayed to all stations, on Wednesday [

LITTLE more than a year has passed since the first production of this opera, on May 14th, 1923, by this same B.N.O.C. at Covent Garden. It is, apparently, just a fantastic entertainment, largely, perhaps, a skit on operatio weaknesses, and with unmutakable parodies of the florid Italian operatic style and of Wagner. The following sketch is designed to enable between to follow the opera progreesively as they hear it

#### THE STORY OF THE OPERA.

R is night. A WIZARD (Baritone) is per forming his magic rites. First, he calls upon the SPIRITS OF THE EARTH to bring him a cup for working magic. Then he calls on the SPIRITS OF THE WATER to fill the cup with "sweetest essence of lave, distilled from Æther | Lastiv, he calls more the Lastly, he calls upon the SPIRITS OF FIRE to dwell within the cup-

"Burrung, biasting, sourching."

As each body of spirits enters, in oberhence to the Wizard's call, it engages in a dance appropriate to its character

The cup brought, and Alled by the Spirit of Love and Fire, gives him to drinks the potion power to "kill a fee with a book, and to "win a bride with a glance of his eye.

The Wittarn discusses the Spinits, and

settles down to sleep.

As he does so there is heard the voice of a woman approaching. These are the words she

He was a bride with a giance of his eye, W this look he krits a for He achieves where others Isa.,

The singer enters and we see her to be a MOTHER (Controllo), dragging with her her sleepy, steppid grown-up son, that PERFECT FOOL who has given the title to the Opera.

The words just sung are those of a prophecy attered when the son was born, but they seem naticaly to be realized by this idle and helpless good-for-nothing, whose life is divided between one long yawn and sound alumber. On this oceanon, no sooner has the Mother halted for a moment, than the Son has dropped down and fallen into deep sleep. The Mornian muses over the improbability of the prophecy Here, locking round, she observes another see, see, the Wizard. As she looks at him and makes some exclamation, the Wixarn wakes, and is about to burn her up by virtue of his new power, when he realizes that this is only a woman

The Mornen hastily steps forward to hide her son from his sight, lest the power of burning of which the Wizard is talking, shall take effect. upon Mes. The Winarn remembers that he has, as a matter of fact, not yet drunk the potion. He shows it to her and explains its virtue

The Princess is, during the day just dawning, to choose a husband, and the Wazard means to be he. The potion he intends to drank as the Princess approaches

The Wizard, like the Mother, has heard a prophecy, and it is his -

She shall marry the man who does The deed no other ren do.

The Moreux repeats after him this strange prophecy, and involuntarily follows it with the one applying to her son.

WIEARD, of course, applies this to him self; the Mother obviously interprets it as applying to her son.

After a little rehearsal of his intended love speeches to the Princess, the Wizard settless now a to rest

Some Singing GIRLS enter, to fill their pinchers at a well. The MOTHER, serzed with a cunning inspiration, snatches up the Wizard's Magie Cup, pours its Love-and Fire Potion down the throat of her sleeping boy, refills the oup with water from the pitches of one of the maidens, and replaces it beside the Wizard

Trumpets are heard, and the PRINCESS (Soprano) enters, with her retainers, and sings

her marriage-day song

The Wizago awakened, drinks the contents of the cup and thrusts forward, offering himself as husband. To his amazement, the potion does not seem to be very effective, and be is greeted with derivion. He rushes angri.v away to seek in the caverns where "Earth a primeval fire is burning" fresh magic to destroy those scoffers.

Then enters a second stator, a TROUBADOR Tenor). He seems to have previously led an existence in the score of some conventional Italian open. The Principle takes up his operatic display, outdoor him at his own vocal game, then politely bids him farewell.

As the TROURADOUR saddy steps saids, a TRAVELLER (Saw) comes forward. Here is suitor number three; we have previously met lovers very like him in the pages of some of our Wagner Music Dramas, Re, however is equally unsuccessful, and in a state of Bay renthan excitement, chances to stumble against the Foot, the Foot then awakens, and, quite naturally, looks up strught before him. The first person on whom his glance falls is the Prix was breed. The spell of the Potton cots. The Publicus isomediately love him.

And he well, he just yawns and closes his eyes

for sleep again

Whilst characters on the stage are, at that poor, including in one of those ingentous opera contrivances in which everybody present i legeririent y expresses his or her own indivacual emotions, the whole somehow merging into a munical ensemble, there enters an excited PEASANT. He tells what he has seen. A fiaming wall of fire is sweeping forward over the land. "Our land is doomed. Hell is here

All fly, but the Princess, the Fool, and his Mother. The Princess gazes in absent musical rapture on the Fool. The Micross awakens the FOOL He tree to run away. But the PRINCESS holds his legs; the MOTHER greeps his head and turns it so that his look falls upon the Wizard, who disappears in flames, only his bat remaining.

Courtiers and Warriors flock on again. The Princess eloquently sings her love and puts to the Fool har tender question: "Do you love Our opera hero now speaks his first and last word of the whole evening-" No !

The Courtiers are indiguant at this slight upon their Princess, but the Morann remarks them that here is the first man who has ever been able to look at their Princess without falling in love with her, and mostle to them another clause on the prophecy

He has achieved where others failed,

With one word

Love, or no love, the Foot is, then, pointed at by ancient prophecy as the destaned Bridegroom

With rejoicing, and dancing and processions, in Wedding is propared. The PRIESTS the Wedding is propared. The PRIESTS enter, the Chief Priest last, varrying a grown. with which he approaches the Foot, to place it upon his head. The Foot yawns; he yawns again. He falls salcep-

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#### A Radio Pioneer.

#### Lord Kelvin's Wizardry in Science.



JOHO RELVIE

As in the case of a many other : ventions, the discovery of the discovery of the discovery of wareless caused by

Many people have their part in budding up the component, conneted whole; and the week the world pays the te one of their name but Lord hely o

As early as 1853. Long Kelvin was groping at the outer edge, as it were

of the otheric sphere. In that year he completed a paper on the oscillatory discharge of a Leyden jar, and thus, coupled with his belief that light ming flashes are oscillatory phenomena, aroused interest in the new aphere of research. Lord Kelvin himself cannot be said to have parametic matter much farther; but, nevertheless, credit is due to him for this leading the way and putting others on the track, for later research aboved that when the oscillations are rapid, energy can be radiated into space; and then came the discovery of a means of "receiving

#### " A Family of Distinction.

Evidence of Lord Kelvan's remarkable attainment was manifest at an early age. The son of an Irishman of Scottish descent, William Themson on kel o who was bon a least 1924, migrated with his family to see, when he was eight years old. In the Scottish city the Thomsons were all destined to achieve distinction, and in later years Lord Kelvan could say claim to the fact that three members of his family were Professors at Glasgow University—his father, his elder brother and himself. When he was ten, Lord Kelvan matriculated at the University, their he passed through Cambridge like a meteor, and even in these adolescent years be was making notable outributions to scientific progress.

From the purely practical point of view Lord Kelvin's most remarks do work was in connection with electricity and on all sales we we remarked to his discoveries—in the lighting of bonne-factories and streets; in the raminar of electric trains; in power bonses, etc. Perhaps the most incremental remarker we have of him is the Atlantic telegraph cable. He it was who showed the way to make the cable a fast amought, and he was cent in a British warship to supervise the laying of the first undersea link, excepting term from, between the country and America, and he this he received a knuchthood

#### His Aid to Those at Sea.

So far as electric aghters is concreted, not only did be work to overcome many of the unity of the work to overcome many of the unity of the against it, but he also per the age of the age of the age of the standard many hundreds of miles. Lord Kelvin was the first President of the Institution of Electrical Engineers, while he also became President of both the Bertal.

Association and the Royal Society

To enumerate ad his achievements would require a volume as well as the skill of a scientist but we must mention one or two of his discoveries in everyday use. One was his depth-sound by device, by means of which the depth-sound by device, by means of which the depth-royal be obtained, no matter at what speed a vessel was travelling, he also perfected a ship a compass, and invented a tide premering increment—indeed, those at sea over much to his labours. Lord Kelvin died sevenien years ago and was buried in Westmurster Abbey. R. M.

## With Radio to the Arctic.

#### A Talk from London, by George Binney, the Explorer.

If would be terroting Poss dence to state who the Oxford Expedition is going to do this year. Anyone with experience of ice conditions in the Arctic Knows that the effects or fasters of an expedition depends, to a very large extent, or the local conditions of the ice, and there is no note inscribible or fickle derty than the one who presides over the movements of the ice.

One eyes of the horizon; the next marely you may wake up to find your ship close set with ice. Our objective—whether we attain it or not in another matter is to explore and to survey the island of North Easthood. It lies N E, of the main Spitzbergen Archipelago. It is 600 nauteal miles from the North Pole, and it is, approximately, 8,000 square miles in extent. Three expeditions have attempted to explore this island, but, owing to the vagaries of fee and weather conditions, practically nothing is known of the interior and very little is known of the coastline.

#### Some Fermer Attempts.

The last expedition to attempt exploration of the interior was the ill-fated German Expection of 1912. Last year we found a tent bag—to a various of that stedging party which has ever been found

The most successful attempt to explore the interior was made fifty years ago by Nordena Rickl, the Swede. He took a party of seamen from the North Coast to the West Coast. But, as practically the whole of his journey was carried out in thick mist, he was unable to make a jour the ose of his traverse.

For the last tru years there has been a surprising improvement to the general weather conditions in this region, and we hope this year to have a fair chance to accomplish this work. We have chartered two ships—a 300 ten wooden whaler, the Polas Ejora, and a small 40 tan scaling shop. We have had constructed a special Arro acaphane for serial survey work in the An tre.

#### Making for the Unknown.

If all goes well, and we can establish a base on North Eastland, we are sending three sledging parties into the interior, two heavily equipped parties for the survey work, and one ligner equipped party. The two first parties will conduct a survey, which is necessarily slow work, the third party will prob ahead as fast as it can to attempt to traverse N E. Land, from West to East, and then to return to the base. We are keen to achieve this traverse, and by sending forward a swift moving sledging party with a dog team, the two surveying parties will be able to contine their attention to accurate mapping and other scientific work, confident that the third party will make the authoritie.

#### Acrist Photography.

We are also using our Avrn scaplane for reconmissance and survey work. If all goes well the scaplane will make an acual photographic map of North Eastland, for which the sledging parties will fix the positions. North Eastland is, roughly, ninety miles across. It would take a deceng party at least a week, and probably a fortught, to cross it—as, of course, loe conditions are difficult, and there are many crevasses to be regulated—no easy matter with a bravyladen sledge.

It is astonishing to think that the semplane can cross the same area in about one hous. Must and fog any our worst enemies; but grean two clear days, we should be able, working with the scaplane, to bring back sufficient data to form the basis of a map. The scaplane is equipped with we is a surface and five weeks rations for three men. Thus, of course, is against emergence.

Last year we equipped our sledging party with a windess recei, no set, so that we could send messages in them from the sing. This year we have further developed this experiment. Each it lies a equipped with a small portable transmitting set, the power for which is supplied by and generators. Thus, we will know thatly the movements of our sledging party. Every unit will carry scaplane sledgin, and the two ships will be in intercommunication. In the event of our unit being in difficulties, the other units will know the riposition, and will be able to send assistance. Had the use of wireless been developed in former Arctic and Anteretic Expeditions, I believe that many lives night have been saved.

#### Keeping in Touch with Britain.

That we may be in touch with England, we are installing a specially-contracted seven-valve Polar recoving-set. Last year we hard the British breadcast in the last days of August. We heard the National Anthem being played at Newcastle and dance music being played in London. It was quite distant:

There are many fallacies connected with Arctic Expeditions. People suppose that it is cold in the Polar Regions in the summer. The mercury mirely falls below freezing-point on the sea level, and one works more in shirt sleeves than in lurs. Another fadacy is the widespread being that penguina live in the Arctic. Penguina exist only in the Arctic, he would be a prey to the white and the blue and the silver force, and perhaps also to the Polar bears. But as none of these quadrupeds arest is the Antarctic, the penguin leads a fairly accure existence in the south. Two queer inhabitants of the Arctic are the south. Two queer inhabitants of the Arctic are the south. Two queer inhabitants of the Arctic are the south and the mosquite.

#### The Healthurst Ragion.

As no permis survive in the cold climate, there is no diverse and a breather region exists nowhers. The most universal fallacy about the Polar radions is the idea of detariness and barriship. Given a fine day—and last year we had over 170 hours of continuous soushine. I can conceive of no place where Nature is an accene, and where primeval beauty is an lavishly at these

Strange mirage effects are teen on the distant horizon. Glacera and gainst cliffs and rec-flows are mirrored in the waters. Far away, mow-capped mountains are based slightly by the mist which softens and harmonizes the violent colouring. There is a leeling of great peace, as your ship lies "as idle as a painted ship upon a painted ocean.

Cours a casentially a small expedition. There is far more difficult, hazardons, and spectacular exploration to be undertaken in the Arctic, and our man idea is to this small pile well, rather than to undertake a larger expedition and not to be able to curve at through satisfactority. But who knows whether we shall reach North Eastland at all !

Accounts to Mr. H. S. Whi shouse, the American saum expert, the British wireless service is better than the American. Butanum, in fact Rules the Wireless Waves.

it has once ugain been suggested that the proceedings of Parlament should be broadenst. The public is still wondering whose is the builden hand behind these cruel suggestions.—Pauch.

# The Lament of a Listener.

#### A Bad Beginning, by FILSON YOUNG, Essayist and Critic.

If is not so long since I was writing about broadcasting in the first flush of eath casum for a new tore, and the first research on of the possibilities inherent in a new power. Now I are going through the first stage of distillusion, and us I am above all thouse a buman and natural percent, I wish to be as truthful and frank in our record of this stage of my broad casting progress as I was about my initiation the writer's function is not nearly so mach experience, as to give voice and experision to the ideas of thousands of his less articioni brothern, and I know that in what I am going to say I shall be describing something whe a has happened to thousands of those who will read this page.

#### The Bonefits of Broadcasting.

Lake most amateurs. I began with a crystal set. But I got through my stages more rapid v than most people, and I had it in the house

for one day and one day only. This was not because I was disappointed, it was because I was so delighted that I resolved there and then to extent the benefits of broadegains to various other parts of my house by extension telephone leads, a .. for this more power than was obtain able from the crystal was necessary The firm who installed the crystaset were asked to recommend the best two valve set on the market, and patitin; all of which was dely done. The instrument being installed on the ground floor, telephone leads were taken to the second and third floors and the basement. The instrument, a beautiful cabinet affao bearing one of the greatest trainer in the world of Brouk electrical ungineer ng, was duly matalled and went well

#### The Beginning of Disthusion.

It was not long before the next step was reached, represented in my stee by the westiness of sitting with telephones over my ears, and a desire for a loud speaker. I bought a mic valve supplier and installed this myself. Since then, the process of disillusion, subtle and very gradual, but unmostakable has set in not as my entheasem and behel in broad casting it as great as ever, it is with the obeside conquering and grapping with this distillusion that I am making this preliminary confession of the experies.

Fite set which I are employs one sings of high frequency complification, and a detector, with a neg igible amount of reaction. I have a good perial and excellent gear generally. The idea was that I should be able to "tune in " to any British broadcasting sto ion and also Paria. It is a fact that about similar-down time I have occasionally beared Aberdeen, Cardiff, briming them, and Glasgow, testing or finaling their programmers, generally to the accompanionent of a Pentercetal rue ing sound which I will leave it to the expert to characterize.

#### An Expert's Apparatus.

The only station which I have always heard, and beard clearly and loudly whotever clas I have been toned to, is "21A." I have searched thisgently for Paris, I have used the necessary cods, I have not at my matriment at moon, thak and in the evening hour; and although I have been entertained by a number of mosquito also voices, whining Morse agends in different

keve, I have only once succeeded in actually 'getting' Radiola, and that was at the end of the programme and the only word I heard was 'box suc. Total out to date, £33 17s. 6d.

I have concentrated, therefore, on receiving local broadcasting at the Louison Stating to the best possible advantage. I have become of course, more critical and at the same time less than ever inclined to submit to the bright of the care phones. The result is that I am more and more conscious of the careature of musical tone that somet mes goines through my loud speaker. I am a symmu in electricity and an expert in music, and in an article in the Trines I made some elementary analysis of this distortion from my own point of view which brought has in a good deal of correspondence Incidentally, it preserved a fairy godfather in the person of a famous broadcasting engineer, who arrived with valves, batteries, and apparatus which he assumed me would be a revelation.

which by dand atmosph ther in also made games, entirely auron, subject

It was when we had spent the entire evening

The Golf Bare Outdone.

By Bert Thester )

getting a taxicabilit of apparatus connected up. I did hear musical tone through the telephones with a truth and purity that I have not expensively before or ance. Through the hold speaker the effect produced was, however, very little different from that produced by my own amputier. The set consisted of three singes of amplification without transformers, the valves being connected in parallel. The set involved the coupling together of six pieces of apparatus L.T. battery, two H.T. batteries of immense voltage, a huge condenser, and a species of resistance of great weight, beades the specially usuanced three valve amplifier coupled to say exist up two valve set

#### One Valvo Versus Pixe.

At the end of a week's experiment, I discovered that I could hear the local London station at just about loud-speaker strength in a small room, using it all five valves and five batteries, my study having the appearance of an electricism's workshop. Them my friend wrote to me and said that I should get better results with a single-valve set using reaction, and he sent run. I thecome-ted my costly cabnet, putting away all the apparatus in a large suphoard, and connected up the little one-valve set. Immediately I heard "2LO" with bell-the clearness on telephones situated on three different floors of the honse; and, connecting it to my original one-valve ampulser got better results on the roud speaker than I have had by envy other method. In one case the parts used would represent a cost of about 150; in the other about 15.

With the help of my enument friend I have to some extent solved the question of purit; of tone; but to cell it with anyt me like wiff canti effect, in this form of amphibiation I shoul I want to use at least one more valve. It takes about half an hour to hook up this set, and when it is done, my study looks like a signal-look. What I want is simple, inexpensive, truthful becomest reception, and not expensive partial training as an amateur electrical engineer.

Now what am I to do? I am already responsible for too many converts to breadenst to be a de to abandon it with a clear conserver, even if I wanted to. My enthusiasm has landed people with sets in certain remote parts of to dand where they hear nothing but sea Morse atmospherics and interference generally. I have also made converts who have got results which entirely satisfied them and who do not seem subject to my disease of disalladon.

#### Paying for Experience.

Whatever happens, I most go on with it and tread the path of broad
2 B, keeping a respectful distance, and limping along in the wake of the pioneers. I cannot afford to buy, 42 even make, a new set every a which seems to be the habit of the wireless "fan." I feel that I have invested almost as much of my small capital in the subject as I can afford, and that had I been better advised, I could have got equally good results at a quarter the cost. But I move much paying for my experience, so long as I really get the experience.

At the moment I seem to have come to a halt. What am I to do next? I ready cannot always stand the creaking, when conditions are had, that proceeds from the singster black horn in the corner of my study. It may be that I am becoming too sensitive.

#### The Wembley Loud Squeaker.

But it is not my own plant alone that is at fault. I read that at Wembley the whole of the grounds were to be flooded with must by means of broadcasting, and I thought it a needes. When I got there, however, I began to experience a sense of vagor discounters, and presently became aware that the air was filled with a faint marking proceeding from various points unforated, until, we some alone railway or merry roundabout I saw the gaping orifices of the Wembley loud squeakers, out of which a temporary roundabout I saw the gaping orifices of the Wembley loud squeakers, out of which a temporary was being uttered. To call his "flooding w" music" is non-sense. The truth is that the ear too casely becomes corrupted.

#### Strength Wahout Distort on.

I want to get back to the bell like tones that I beard the first day that I listened in on my crystal set, and I want them loud enough to till the room with sounds that are reasonably tree from distortion. Will someone write to I he Radio Times and tell me, and readem who are in the same bonh with me, what we are to do? I will gladly and enthusiantically pass on the information, if anybody will be so kind as to formshirt. I know what to do if I have fifty pounds to spend. I want it to be assumed that I beyon't.

It is understood to be the estation of the Burnley Corporation to lovy a toll of St. 6d per year on all who have erected at actial wire over a public roadway.

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# THE CHILDREN'S CORNER.

CONDUCTED BY UNCLE CARACTACUS

#### Hides and Skins and What Happens to Them.

HILO children Of course, you have all used leather in one way or another. Here is an interesting talk that will tell you a lot that I am sure you dtd not know before. -

All the leather in the world comes from some amboal that was once alive, leading a peaceful I fe in the measures or one of adventure in the great forests or the era. No one has been able to find a satisfactory substitute, and when you think of all the articles that are made of leather shoes, gloves, bags, harness, book bustings and a bost of others you will realize what a fremendous number of hides and skins are needed every year.

#### Coins Made From Leather

When you have been to the Zoo and seen the crocodiles and alligators, looking for all the world like logs of wood, and you ever those that from their horsy skins, nice, consortable small choes could be made? I am care you doing to The makes and fixeds, too, the kangaroo, huffalo, wairus, seal and whale, the bides and ak na of them all and of practically any an mol can be turned ato leather. But the main courses of our supply are the cattle. ate e. a afe as targe chat need need for food

Louis about bay a he leather transwas of the greatest importance, and a special quarter of the city of Thebes was set apart for the tantors. Fo great was the demand for leather that conquered mations were made to pay a tribute to the King of a number of skins every year. The Greeks and the Romans, ton, made leather, and some of the ness to which it was put were very extended pary. Coins were made of leather, and ever a row

Before the lades and slone are ready for seethey have to go through several processes. These are much the same as they were three thousand years ago in the days of the old | Egyptians. First of all, the skins have to be snaked, sometimes for days, in large tailes of water mixed with chomicals to make them soft and phable. Then, of course, all the hair has to he removed. To do the, the skins are placed on the ground and covered with a mixture of Bute, and a curious fact in that it must be lime Put has been used before on other skins, for old lime a fud of bacteria, which below to loosen the roots of the hair so that it comes out easily After being scraped and thoroughly washed and trimmed, the hides and skins are ready

#### Where Tenner is Found.

Hides are tanged in order to provent decomposition and to make them strong, tough and waterproof. Fure and fur rugs, which, of course, are skins with the hair left on, have to be dry tanned. This is done by packing them in minet sult and powdered alam.

For most of the heavy leathers, the tan back process is used. Tangen is found in the bark of amost any tree, but the largest quantities come from the Cheatout, the Willow, the Birch and the Cale. In Australia, the bark of the feathers bloose is much used, and there are esveral other trees, plants and fruits in the world that produce valuable material for the pany, the mangrove from the awamps of Borneo; "Valorim," the accent on,) of the Turkish Oak .

Cambier, a should that grows in Singapore, and "gall-nois," those strange growths you find on the cale, that are caused by gall-waspa laying rage at the plant.

#### The Governd Process.

Tanuing solutions are made up in different vale and the skins are sent from one vat to another, each van containing a stronger solution. than the last. Finally they are dried oned and ground out by large rollers. But all this takes

a long time—in fact, shout three or four months. However, in 1584, a new process, known as Chrume Tanning, was invented by an American, and this process is now the one most generally used, as it only takes about one munth. The skins are put into a drum containing a solution of obsomiom salts. The men who send the skins on their way from one drum to suother bave to take great care not to get any of the acid on their hands, seid would cause a weaper. so they all wear gloves,

#### " Currying "

When the leather dries after tanning, it is stiff and rough, and oil has to be cubbed in till it becomes soft again. The proper name for this process is 'corrving.' The leather can then be iyed, and great care has to be taken to proca uniform result. Sk na that have been through the same colour bath will often be of quite Afferent shades and sometimes portions of a single skin will come out streaked or spotted.

Plan scather that most boots and shoes are made of it "box calf," which is calf skin that has been stamped with a pattern of regular lines. "Soeds ' is calf-leather which is finished by granding the face on an emery wheel. Patent leather can be made from any soft skin, It or covered with many coats of black varnish and darahed off with a heavy coat of enamel,

which has to be haked on.

Even the "waste" parts of the bules and skins are turned to some use nowadays. The hair is made up into sheap binokets and cloth, and the chaptings and trimmings of leather are ground into a pulp, which, when it has hardened, can be used for shoe heels and inner soles; bothing is wasted-perhaps because there is out aways mough done to meet the drawnd for cacher, and the manufacturers have learns the wisdom of the old proverb; "Waste not; want not.

# SABO AND THE FLOOD. By E. W. LEWIS.

ON menny days Saho's favourite place was by the kly-pool in the rose-garrien, partly because his friend the frug, was there, and partly because he liked to me his own face in the was es-

One day he was sitting at the edge of the pool on a small mat.

It was really quite hot in the cun, although summer had not yet come, and, after a little while, Sabo, finding nothing to do and no one to task to, fell into a doze. He nodded on the rom of the pool.

and while he nodded, it begun to ram. It was not ordinary cain. It was worse than a thunderstorm, worse even than "cate and dogs." Soon the lily-pool was full to the brim, and the water flowed all over the rese garden. It was like the flood at the beginning of the world. The rising water was covering every-ling. The hedges disappeared. Soon, nothing but the tall chimneys of the house were seen above the freed. They, too, gradually went The rising water was covering everyunder. And still the rain came down in sheets, as if it would never stop.

In a little while Salio might have been in the middle of the Atlantic Ocean, except that these were no waves. On all sides now, and se far as he could see, there was nothing but water-"water, water everywhere"-and he floating there alone on his raft.

As the tood rose higher and higher, the sky reemed to come down nearer and nearer, and Sabo thought that if the rain kept on smeh langer, he would bump his head against the

Sabo wondered what would happen if he leept on going up in this ridiculous way and he crouched down upon his mat and

Then all of a smilden it did stop. bloked round about him. There was nothing to be seen except water which sparkled an gleaned in the sun. Nothing rose above it, not the top of a tall tree, not the weathereack on a church steeple-nothing? The world was drowned. It was all-down there undernoath the food. What was he to do?

No sooner had be asked himself this question than looking up, he saw the branch of a tree harden a town from the roof of the sky. It was quite near to him, and be thought he saw

Spiriter His which looked the s souts. The night of them made hus feel hungry So, oatch-ing hold of he brauch, he be cambed on to it. Yes, they were

enco-nuta! And by knocking two of them together ho managed to crack them. and he draws the wilk and began to est. The beatoh awayed gently in the breeze. Sabo was soon warm and dry, and after he had made a good areal of coco not and was feeling

quite comfortable and jolly, up there above the world, sitting in the very sky, he began to th nk of what he must do.

Aud, so hing down, terongs the feaves, he saw hat one water all already suck far, far below him! He slipped down to the tip of the branch, but he was dangling in space. He clung on and climbed up the branch again. He could see the mat floating on the surface of the wateronly he hadn't been so silly us to leave it! Oh, dear, what a pickle he was in! What would become of him? Would be remain up there for ever in the roof of the sky? Would be become a star at might ! Would Isobel look up and see i.m. and say: "There is Sate! He s a star

He tried to comfort himself by munching some more open-ant, and while he held the out in his hands, an idea came to him. He would park h meelf insole the rate and drop lost sell, it was better to drop and chance it, they strefor ever up there! So he scooped out the coconnt, and got made it. It was a tight fit, for the nut was not a big one. So much the better He wouldn't be likely to fall out on the way lown. Then he let go !

It was a lovely feeling, dropping, dropping, faster and faster down through the air, like a stene. They a tremendous splosh ! And Sabo awoke to find that he had toppled off the mut into the hly-pool, and there he was kicking about in the water! It had been a dream '!

It did not take him long to get out of the pool, and he lay on the mat, drying himself in the





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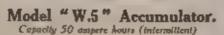
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#### Edinburgh Programme. Week Beginning Sunday, June 29th-

SUNDAY, June 28th.

\$0 1 at tragernme & from London,

MONDAY, June 30th.

3 30 4 30 Dunedla Palais de Danse Band.

5 0 5 1 GHT SENS CORNER.

7 0 7 16 1 squarent. SH was Longer.

7 10 PROF J SH b K1 follow, D Se.

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Franches News.

8.0. 3 30 Lemanum SH from Lander.

8.0. . 3.t. I - gramme S B. from London.

TUESDAY, July 1st.
50 CO COLDIEN S CORNER
70 80 Programme S.B. from London.
80 Silv FC A McLAREN BROWN
8 H. from Hangow.
2.10-10.50 Programme S.B. from London.

WEDNESDAY, July 2nd.

5 (6) (11) Congruence S. R. from Landon.

THURSDAY, July 2rd.

50.60 (HI. N. S. CONNER.
TO 1 Programme S.B. from Lindon
10.10 Programme S.B. from Aberdeen.
11 Programme S.B. from London.

FRIDAY, July 4th.

3-30-4-30. Duncdin Palaus de Danas Band.
5-0-0.0.—CHILIBREN'S COENER

7-0. NEWS and WEATHER FORELAST

S.B. from Landon.
G. A. ATKINSON. S.B. from London.

Local News.

Classical Evening. 7.30

W WORS BY I or P. F WORSTRY Lasson, P. Co. E.Y Olon, R. F. GUD factor of PAN DON Lary Quarter for Laton, a Water Instrumental K. 3. C. Conf.

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Note: The self-broom Betheren

8.55.—Quantette for Piane and Wand Instruments in E Fist (Op. 16) .... Rectinged

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Charge tree Melodie

Special rest No 2 Popper Marie Richardson. Popper Marie Richardson. Pour Popper Anthon Cirl " Anthon Cirl " Marie Richardson C 

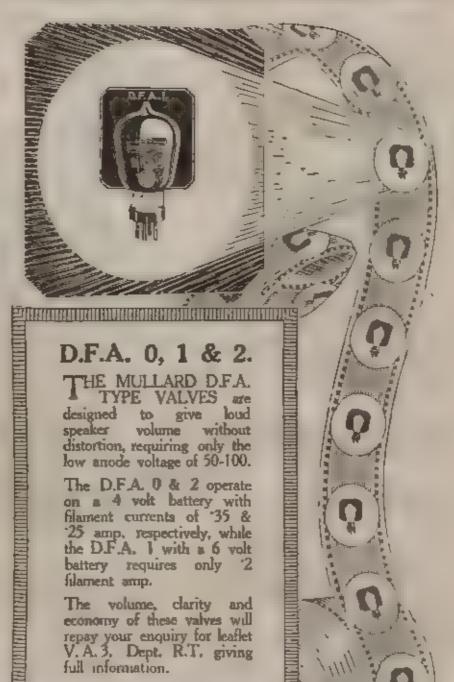
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Lora V wa. 10,36 Chao Jewn.

SATURDAY, July 5th. 5.30 0 30.— CHILDREN'S CORNER. S.B. from Aberteen.

7 0- 12.4. Programme S.B. from London, Anex sucer G. L. Marshall.

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#### Liverpool Programme.

Week Beginning Sunday, June 29th.

SUNDAY, June 28th.

3.0 5.20 8 30 10 50. Programmes S A. from London,

MONDAY, June 30th.

4 0 5.0.— Gastland and his Orologica, resign to the second of the

TUESDAY, July 1st.

10 6 ) Calback and hos Orenstra, relayed to the Scale Petrop Hosse 5 to 6 ) CHILDREN S CORNER.

1 (1) 50 Progression S.B. from London

WEDNESDAY, July 2nd.

4 50 menters has the esting relayers to the Series for the Lean.
530-6 of the latter No. 1 No.R.
70-1135. Trapposition No. 1 from Landon

THURSDAY, July 2d.

10 5.0. Gadlard and has Orchestra, remyed from the Seam Picture House 5 30 6 15 - EUI DREN'S CORNER 7 0 11 C Programms S.B from Landon

FRIDAY, July 4th

10 5.9.— Geniard and has Ore tears, relayed from the Scala Figure He in 5 30 6.16. CHILDREN'S CORNER 7.0.— NEWS and WEATHER FORE AST 8.8, from London 6. A ATKINSON, S.B. from London, Local News

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SATURDAY, July Sth.

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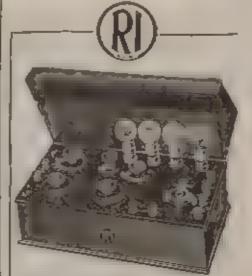
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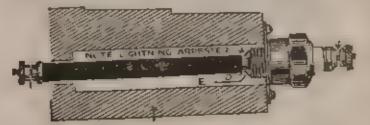
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an of Albert Hos.

5 50 0 to the and S. Corner.

7 t. 1 h. t. one on S. B. from Ende.

WEDNESDAY, July 2nd. 5 0 6.30. CHILDREN'S CORNER

7,0-11.80,-Programme & R. from London.

1 30 4.30 Savay Peturs House Orchestra Savay Peturs House Orchestra 5.30 6.30. CHILDREN'S CORNER. 7.0 11.0. Propagance S. B. from Landon

7 6 11 0. Programme S E. Jrian Lamon
FREDAY, July Rh.

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.... Carl Balon

Fornier Pope.
I Hear a Through at Eve

Hear a Thrush at Eve ... Cadm ...

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Nell a Waterfield

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"The Berrowing Book 1 Th NEAN NEATHER FOREGAST

Ta Tab. .0.30. Chase down.

SATURDAY, July 5th,
2 30-4.20.—Savor Pleture House Orchestra
conductor, Albert House
5 30-6.39. -CHILDREN'S CORNER.
1.0-12.0.—Programme S.B. from London.

Announcer, Clarence Goods,



O matter whether you are listening to Handel Bach Mozart or any of the great masters of the past, you cannot obtain the true interpretation of their works by Radio unless you use a Loud Speaker capable of rendering loud and sonorous passages as truthfully as deneate airs,

The ordinary Loud Speaker, for instance, using a flut diaphragm, is compelled to compromise between extremes of the harmonic scale—and, as everyone will appreciate, a compromise can never be entirely satisfactory.

The Brown, on the other hand, because it uses entirely different principles, is remarkable for its fidelity of tone. Its cone-shaped aluminium dtaphragm—as thin as paper—is anchored at its exact centre to a vibrating reed. Thus extreme sensitiveness is obtained with a complete absence of distortion. Incidentally, these principles are used in the famous A. type Headphones.

It is a significant fact that the first Lond Speaker ever made in this country for Warelow use was designed by S. G. Brewn, Ltd. who, at the same time, originaled the laren "Lond Speaker". The experience thus gained has culminated in the preduction of an Instrument without equal for purity and volume.

8. Q. BROWN, Ltd. M. Actom W.J.  $R_{\rm int}$ 

19. Mort mer 61. W.I 18. Accordistable bivargoot.



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Type HJ 21m. high
120 ohnis £5 5 0
2,000 ohnis £5 8 0
4,000 ohnis £5 10 0

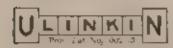
Type M.Z. (2)n, high 190 ahms £2 6 0 2 000 ahms £2 8 0 4,000 ahms £2 10 0

Loud Speakers

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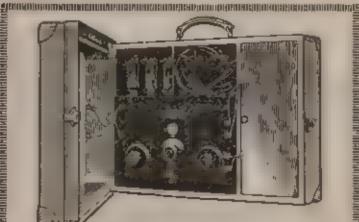


F you would improve the texture of your skin within a week clean it with Pomeroy Skin Food instead of soap and water. If you wash your face you clean the surface only. If you massage it with Pomeroy's creamy emollient you rid the pores beneath the surface of invisible layers of grime. You will notice the most astonishing difference in your complexion if you do this simple thing.

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At all Chemists and Stores.



The Fellows Portable 3.

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Add, of the Fellows Magneto Co., I.M., Fash Royal a nation N IV to

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# NEW TYPE CRYSTAL SET

Post 21/- Free

(including B.B.C. Royalty).

Fitted with plugs for aerial and earth connections.

This new type Crystal Set embodies a new type This new type Crystal Set embodies a new type Patent Variometer which allows of the fine tuning essential to loud and clear results. This Set has been designed with a view to being kept up-to-date, so that when the new high-power B.B.C Station is opened, the addition of a small coil (which we will supply when the wave-length is fixed) will at once render the Set available for recoption, and at a distance of about 100 miles

All Sets are tested at our Works (40 miles from B B C Station). The set works efficiently from this distance and the moker's guarantee is enclosed in each set

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### Sheffield Programme.

Week Beginning Sunday, June 29th.

SUNDAY, June 29th.

3.0-5.30. Programmer S.B from London

8.30-10.50. Programmer S.B. from London

MONDAY, June 19th.

3.30-4.30. Programme S.B. from Manchester

5.30-6.30. CH. LIBEN'S CORNER.

7.0-11.30. Programme S.B. from London

TUFSDAY, July 1st.

3.30-4.30. Orenestra and Organ Recitor relayed
from the Abort Hell

5.30-6.30. CHILL REN S CORNER.

70-10.50. Programme S.B from London

WEDNESDAY, July 2nd

1.4.30. CHILL REN S CORNER.

1.4.40. CHILL REN S CORNER.

5 36 4 37 Orchestric and Organ Recatal relayed
5 36 8 36 (FOLOREN'S CORN P

- Programme S B. from London
FRIDAY, July 4th.
3 30-4.30. Programme S B. from Marichester
- 30 6.30. CHILL REEN'S ORNET
5 1 NEWS and WEST How A CONTROL
OF A ATERNSON S B. from London
Local New
5 30 S

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Lattle Mehrol Joen O Sia discount.

Quintette Westerne of the Rose I at Louvingue Song

JCS PH CRICK (Tenors

Once A to the adv Crimonic back from the Common Com

"Three Irish Pictures"
Two Surwagam Dances "A see A se

Work the Sychows Reneward F. W. F. B.b.s.

\* Workhird's Bong ... ... Cych. Scott 4

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Overlore, "Caprice de Rei U a Serie de Rei U a Lehman Dorothen Rodger Lanong the Willows", Montague Philips " Frey Song" ... Butland Banghion (14 \*\* Skyo Boat Bong."

Schubert Quiter 1, PWS and WEATHER FORECAST Quiller

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1.0.—Close down.

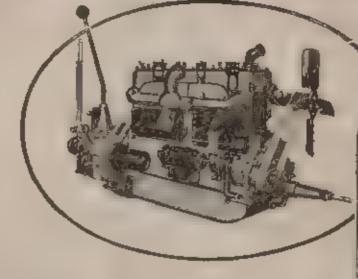
SATURDAY, July 5th.

3.30–4.30. Orchestra and Organ Rectal releyed from the Athert Hoff.

5.30 4 8 1 I DREN'S CORNER

7.0-12.0.—Programme 8 2 from Landon
Announcer H. I Hose Jacet

A reprober against a monical item indicates the narrae of its publisher. A top flot of publishers will be found on page 15.



The Power Unit of your Receiver.

HE pleasure a man gets out of his Car depends mainly upon the quality of its Power Unit. If the engine is efficient—if its design embodies the fruits of years of experience - if cost of construction is not made a primary consideration—then he can place the utmost reliance upon its performance.

And so it is with Radio. The Valve is the power Unit of your Set - the mysterious betteng that makes it work. If your Valves work efficiently then you can be sure of getting the best possible

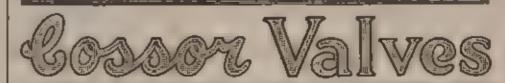
Just as there are plenty of car owners who will never experience the finer delights of motoring until they ride in a luxumous furnousine, so there are still. many wireless enthusiasts who will never know how well their Receiving Sets can work until they use Cossor Valves

There is no substitute for a Cossor Valve. The secret of its success her entirely in its unique design and superior construction. The hood-shaped Anode and Grid encioses, and makes use of, practically the whole of the electron streamthus creating superior rectifying properties.

The filament, arched like a bridge for strength, ensures a very long life under all conditions. The Grid built up on a solid nickel band, is actually anchored in three distinct positions to each turn of worethus eliminating all microphonic noises.

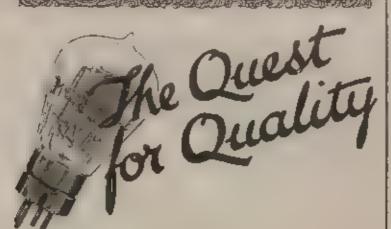
These are but three advantages not found in any other Valve-it is no wonder that the Cossor holds such a dominating position in the minds of those who want to extract the last "ounce of efficiency" out of their Receiving Sets.

Afonofactored to Islo Types. P.1(For Detector 12/6 P.2 W MR STap 12/6 From all Drakes.



Advertisament of A. C. Cosson, Ltd. Harshare Grave, N3

Gilbert Ad. 946



Has culminated in the production of



# D.E.5.

DULL EMITTER TYPE.

This valve has been specially designed for use with a 6 volt Accumulator and being of the "Dull Emitter" type uses only -25 amps.

Whilst it is an excellent general purpose valve it is as a Power Amplifier that its great superiority will be manifested. For distortionless volume it is unapproachable.

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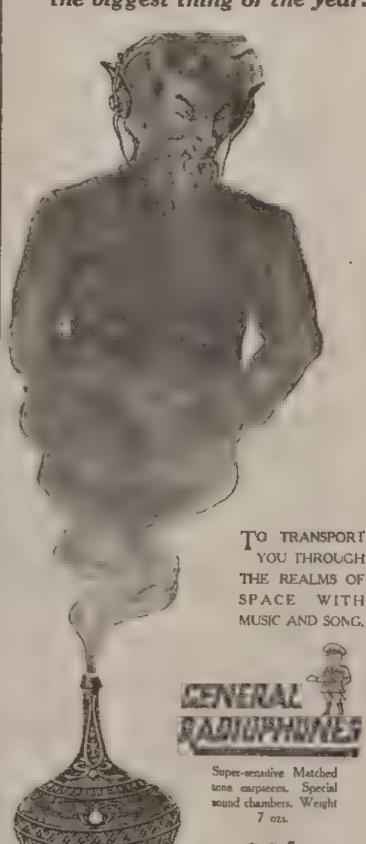
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This book is entitled "The Efficient Mind," and contains a full description of the New Poliniumsm, which is enabling so many people at the protest time to increase their earning power, to rise to higher positions in business, and generally to improve their mental efficiency at a sortal status.

Here are a few extracts for letters received from men and women, who have taken up this famous Course —

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He was young and ambitious. He took his work serious y. On the advice of its wife be took up Pelmaniam, spent an accepting half an hour every evening with the 'little grey books," and enjoyed working out the exercises. His officiency, enthusiasm, and mental alertness attracted acteution. He became out idential secretary to the Managing Director. He made several valuable suggestions which were adopted in the business. As a consequence, he was promoted over the heads of soveral of his sections to the position of Manager, In the evening he returned home, treading on mr, to tell his wife what this wonderful Course of mind transing had done for him.

Hundreds of such cases could be quoted from the reports received by the Polman Listitute. Some will be found in the book you can obtain free of charge to day

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You will develop Self Confidence, Initia tive, Concentration, Judgment, Originality Organising Power, a Strong Will, Observation, Resourcefulness, Directive Ability Personality, and a reliable Memory via will banish those failings which and upso many; you will double your efficiency, and consequently your Eassing Power.

There is nothing difficult about Pelman...in Indeed, it is a most faccinating mental recreation—just the thing for the evenings when more arthous stilles are apt to be distanteful. The fee is small, can be paid if deared, in instalments, and will be repaid to you over and over again in your increased earning power

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in the fieres competition of Business and the Professions — how it has developed then speaking powers—how it has increased their Earning Power (even doubled and treblad it), how it has snabled them to reases their aims, drams, and ambitious.

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Don't stay in the rut! Let Pelmanism show you the way to promotion and successful as he were. I Let it increase your officiency and help you to earn a larger income. It has done this for others, let it help you in the same way. Write in the first place for a copy of The Efficient Mind." It was be sent you free of cost or obugation, and will any injust what Pelmanism is and what it will do for you. Send for this book to the Pelman Institute, 95 Pelman House, Ruomsbury Street, London, Will. Use this coupon to day (or call) and you will receive the book and full particulars by return of post, PREE OF COST.

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Sun.—Please send me, gratis and post free, a copy of "This Ereletent Mino," with full particulars of the New Pelman Course

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If engage is sent to an OPEN various it only much jet strong. All currencedence is evolidential,

# They say it's the Best

"The local welets deder stranged some demonstrat has of your "par a Loud Speaker. . . . I was so struck to he the excellence of the reproduction that I persuaded him to lead me the instrument over the week end for private experiment. These expairments and tests I have now correct out, and . . . the claims of year edvertisements are ont inaggerated. There is a difference "—and quite a consideration of a difference is an indicate these in practically no difference with my standard netroment I find that there is practically no difference in the larger motes but a very great improvement on the reproduction of the low notes and a faller and richer rendering of harmonics. I may say that I had previously heard very good caparts of the Sparta from the kechnical staff of Amateur Wireless, in which I am a constant contributor. (Segred) E. H. R.

"I received the load speaker I must say I am very pleased with the results. Please put three more on order at deliver one at your sarliest. (Segued) W.R."

Table to get my loud speaker into com-maten until this week, but I started it up on Thursday and am extremely pleased with it. I think the tone is quite the best of any loud speaker that I have heard. (Signed) PWP

The 'Sparts' Lond Speaker is suprema in tone, workmanking and price, and will make a name for result before it has been an the market long. Its excellence is marked. From a satisfied user - Wishing you every success. (Signey) J.A.G.

"I have recently been experimenting with your load speaker, type H.H.A. 4.000 object, and have obtained some very interesting results. Manchester comes \*\*Moto object, and have obtained some very interesting results. Marchester comes in quite well on one crysts and \*\*F amp. One detector valve, 1.Ht F and 1.LP. make the signals far too etrong for an average sized room, and Birmingham and Aberdren are very good. These experiments have been carried out on 'Straight circuita' tuned anode, and I have found as distortion whatever. (Signed) F.H.S."

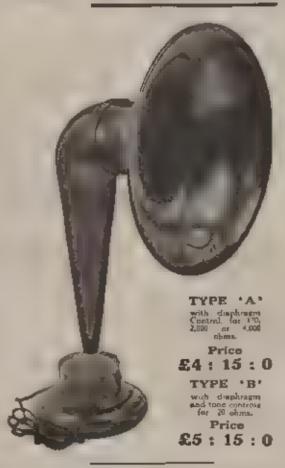
"Still another thing is the sensitivity of your Lond Speaker, to might I picked up on it Brunch, which I think is nothing about of wonderful."

The hosh, too, is everything anyone could wish for. I think "THE INCOMPARABLE" would be a more the ting same for it instead of Sparia."

(Signed) F.S.

"I wish to heartily compliment you on your production, the "Sparta" Loud Speaker I purchased one from your local stockests, some life time ago, and can only any that, is my opinion, it is the best. Used on a homemade set, nothous power valve, and on asry volu H'i., results are except. At the price, it is in a class quite by itself. (Signed) C.T.R. ASK YOUR DEALER TO DEMONSTRATE THE

AND BE CONVINCED.



**FULLER'S UNITED ELECTRIC** WORKS, LTD., Chadwell Heath, Essex.

#### FULLER TONE IMPROVERS.

These devices, which have proved so successful in our Type "B" Loud Speaker, are also supplied separately and complete, in polished cases, to be used with Low Resistance Phones or Speaker.

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"With regard to he performance of the found speaker, this a quate exceptional, in companion with three of the best known waveter on the market, one of which costs more than twice as much, the "Fuller" gives a greater degree of ampli-fication, but what is far more important, the reproduction in imministrably better in tens. better in tons.

By using the tane control adjustment a more hutbial rendering of speech as music than I have yet heard produced by succhanical means can be obtained.

It is noticeable that although zero to are exceptionally good, especially as regards votume with only one stage of low frequency amplification, there is no total lack of distortion with the microscopy volume of sound obtained from a power volume of sound obtained from a power

An unusual feature also of this loud speaker is that the voice or music being reproduced is not accompanied, as in reproduced is not accompanied, as is often the case, by an undercurrent of unwanted mound. Even when maltail produced the usual rushing appears apposited by equeals adicative of the master of reaction, the loud speaker appeared to act as a filter, and the reproduction did not suffer appreciably, though with telephones the sound was uncertained.

To sum up, I think the 'Fuller' Loud Peaker, given suitable publicity, has an assured future owing to its exceptional merits.

It has impressed me so much that I should like to keep the one sent me only swo one, and would be grateful if you would ask Follers to invoice to me accordingly. (Signed) H.G.A.K.

"During a visit to England not long ago. your "Sparre" Loud Speaker was recommended to me as one of the best on the market." (Signed) K.B.

Seeing your Advert, 'Worth Listening To,' I agree with you. I have tried or even makes, but I cannot get one to equal yours.'

"I am send on you a photo you che to me it. Your "Spar's a spable of giving the purel's reproduction I have ever beard." (Signed) P.C.K.

"I purchased one of your Loud Speakers type H.H.A., in preference to the other well known makes. I have a new every night received all the B.E.C. Statems on it. The set I have in a three-valve I—1—1—the volume of sound and clarity of games is minimishing, and teeing that L.F. transformer is only a cheap one, I wonder what it would be with a good one.

"I most thank you for your lindness in sending the Speaker down on approved, and am pleased to tell you that it beat an and a speaker, for quality and natural rendence." (Signed) S.M.



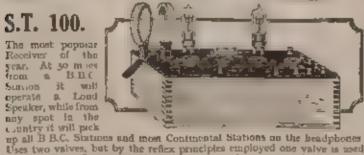
#### The Peto-Scott 1-Valve Reflex.

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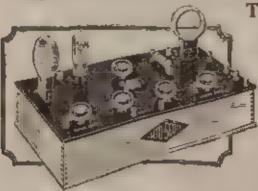
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these two valves, but by the reflex principles employed one valves in used twice. Every Instrument Individually tested upon an Aeria, under actual working conditions. Excluding Valves and Coils but including all Marcon Royaltus. BB.C. fees 11/- extra.



The Famous "Popular Wireless" Reflex.

> The most economi co. one Valve Set ever designed. By means of switches it can be used as a Crystal Set, a Crystal Receiver with L.F. amplifi cation, or as a Refere Receiver When used with a

good Aerial al. B.B.C. Stations can be received with the need with a (if within 5 miles) so the Loud Speaker. Best quality tested compounts and reage and Ara the man like y grant cut of grant Miarrom Royalties. B.B.C. royalties 64- extra. Value 67-12-6

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These splended sets by the incorporation of the ulmost reaction allowed by the PMG. possess a marvellous range, and their signal strength and purity of tone are marvellous—a revelation. Throw up your serial anywhere and your Enceson set will at once tune in at least one of the BBC stations.

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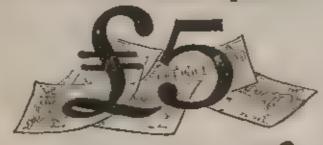
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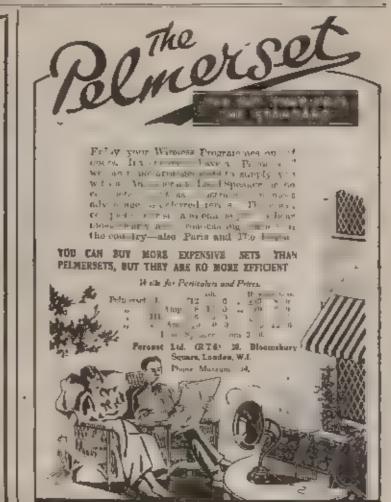


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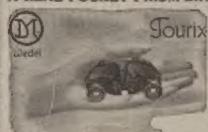
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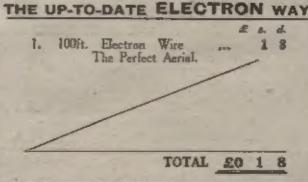
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